

December 7, 2020

Moran Environmental Recovery, LLC
251 Levy Road
Atlantic Beach, Florida 32233

Attn: Ms. Lauren Young
E: lyoung@moranenvironmental.com

Re: Ambient Air Monitoring Summary Letter

Mayor's Point Terminal
1025, 1029, and 1299 Bay Street
Brunswick, Glynn County, Georgia
Terracon Project No. ES207250

Dear Ms. Young:

Terracon Consultants, Inc. (Terracon) received a request to provide ambient air sample collection and air monitoring at the subject site consisting of three (3) parcels of land located at 1299 Bay Street (PIN 01-01565), 1029 Bay Street (PIN 01-00986), and 1025 Bay Street (PIN 01-00984) in Brunswick, Glynn County, Georgia. The purpose of this assessment was to determine if potential hazards associated with gasoline seeping into waters at the subject site present a risk to human health and safety. This assessment was performed in accordance with the Master Service Agreement between Moran Environmental Recovery, LLC (MER) and Terracon, dated March 3, 2015, and Terracon Proposal ES207250, dated November 2, 2020.

This letter summarizes the field activities associated with the ambient air sampling and air monitoring activities, a summary of the laboratory analytical results, and conclusions and recommendations regarding the results of the assessment.

1.0 FIELD ACTIVITIES

From November 16 through 20, 2020, Terracon mobilized to the subject site to perform ambient air sampling and monitoring activities. Terracon observed gasoline seeping from soils underlying the riprap to the southwest of the dock located at 1029 Bay Street. Throughout the assessment period, a visible oil sheen was present on the surface of the East River in this location during periods of low tide. The visible oil sheen was not visible during periods of high tide. Visible oil sheen was not observed at the 1299 Bay Street or 1025 Bay Street sites during the assessment.



1.1 Air Monitoring Activities

Terracon utilized a RAE Systems UltraRAE 3000 benzene-specific photoionization detector (PID) with a 9.8 eV lamp and benzene-specific separation tubes to screen the breathing zone in the vicinity observed gasoline seeping to the southwest of the dock located at 1029 Bay Street. PID field screening measurements were collected once per day at low and high tide daily from November 16 through 20, 2020. Benzene was not detected at low or high tide within the breathing zone along the riprap at 1029 Bay Street.

Periodic screenings for benzene concentrations were also collected within 0.5-feet of the observed hydrocarbon sheen in the vicinity observed gasoline seeping to the southwest of the dock located at 1029 Bay Street. Benzene was detected at surface water level at concentrations of 1.01 parts per million (ppm) to 3.41 ppm approximately two (2) hours prior to low tide on November 17 through 20, 2020.

1.2 Ambient Air Sampling Activities

Terracon collected a total of fifteen (15) ambient air samples from November 16 through 20, 2020. Three (3) ambient air samples were collected daily during the five (5) day assessment period. Samples collected from the dock located at 1025 Bay Street owned by Ocean Petroleum, Inc. were designated as AS-2-1 through AS-2-5. Samples collected from the dock located at 1029 Bay Street owned by PAC COMM, Inc. were designated as AS-3-1 through AS-3-5. Samples collected from the dock located at 1299 Bay Street owned by the Georgia Ports Authority were designated as AS-3-1 through AS-3-5.

The ambient air samples were collected using into stainless steel batch certified SUMMA canisters with an 8-hour regulator for laboratory analysis of volatile organic compounds (VOCs) per US EPA Method TO-15 to assess composition of VOCs in the ambient air at the locations. The SUMMA canisters were sealed and transported via courier under proper chain of custody to Pace Analytical located at 1800 Elm Street SE in Minneapolis, Minnesota for analysis.

2.0 LABORATORY ANALYTICAL RESULTS

Ambient air laboratory analytical results were compared to the applicable Occupational Safety and Health Administration (OSHA) permissible exposure limit (PEL) and the National Institute for Occupational Safety and Health (NIOSH) recommended exposure limit (RELs). It should be noted, the OSHA PEL is the enforceable exposure limit for an employee to a chemical substance in accordance with code of federal regulations (CFR) 29.1910.1000 *Air Contaminants* and RELs issued by NIOSH are non-enforceable recommendations for updated PELs but may reflect future PELs if adopted by OSHA.

No VOCs were detected above their respective OSHA PEL during the assessment.

Twenty-nine (29) VOCs were detected above laboratory method detection limits (MDLs) in the ambient air samples collected from November 16 through 20, 2020, including the following analytes: 1,1,2-trichlorotrifluoroethane, 1,2,4-trichlorobenzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 1,3-dichlorobenzene, 2-butanone (MEK), 2-propanol, 4-ethyltoluene, 4-methyl-2-pentanone (MIBK), acetone, benzene, carbon tetrachloride, chloromethane, cyclohexane, dichlorodifluoromethane, ethanol, ethyl acetate, ethylbenzene, m&p-xylene, methylene chloride, naphthalene, n-heptane, n-hexane, o-xylene, styrene, tetrachloroethene, tetrahydrofuran, toluene, and trichlorofluoromethane.

OSHA has not established PELs for the following analytes: 1,2,4-trichlorobenzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 1,3-dichlorobenzene, 4-ethyltoluene.

3.0 CONCLUSIONS AND RECOMMENDATIONS

3.1 Conclusions

Terracon has completed this assessment to evaluate if potential hazards associated with gasoline seeping into waters at the subject site present a risk to human health and safety. The following conclusions are based on the results of this assessment:

- Gasoline was observed to the southwest of the dock located at 1029 Bay Street during periods approaching low tide. No detectable benzene concentrations were measured in the breathing zone at low or high tide during the assessment period of November 16 through 20, 2020. Benzene concentrations were detected at surface water level between 1.01 pm and 3.41 ppm during the assessment period.
- No VOCs were detected at concentrations in ambient air above their respective OSHA PEL. As such, worker health is not at risk from average exposure to VOCs over a nominal 8-hour shift and 40-hour workweek occurring in the subject site.
- Twenty-nine (29) VOCs were detected at concentrations above laboratory MDLs. Site workers may feel adverse effects related to VOCs detected in the subject site to include but not limited to: eye, nose, and throat irritation; shortness of breath; headaches; fatigue; nausea; and dizziness and skin problems. Long term-exposures to VOCs may cause damage to the liver, kidneys, or central nervous system. Additionally, some VOCs are carcinogenic.

Ambient Air Monitoring Summary Letter

Mayor's Point Terminal ■ Brunswick, Glynn County, Georgia

December 7, 2020 ■ Terracon Project No. ES207250



3.2 Recommendations

Based on the results of this assessment, VOCs are present in ambient air conditions at the subject site. Concentrations of VOCs in the ambient air at the subject site do not exceed enforceable OSHA PELs but may present risks to human health and safety associated with long term exposure to VOCs. Terracon does not recommend additional ambient air assessment at this time.

We appreciate the opportunity to work with you on this project. Please contact us at (912) 629 4000 if you have any questions or comments regarding the contents of this letter.

Sincerely,

Terracon Consultants, Inc.

A handwritten signature in black ink that reads "Stewart A. Dixon". The signature is fluid and cursive.

Wm. Anthony Ellison, GIT
Senior Staff Geologist

Stewart A. Dixon, PG
Principal / Environmental Department Manager

Attachment: Figure 1 – Site Diagram
 Figure 2 – Ambient Air Quality Map
 Table 1 – Summary of Ambient Air Analytical Results
 Laboratory Analytical Reports

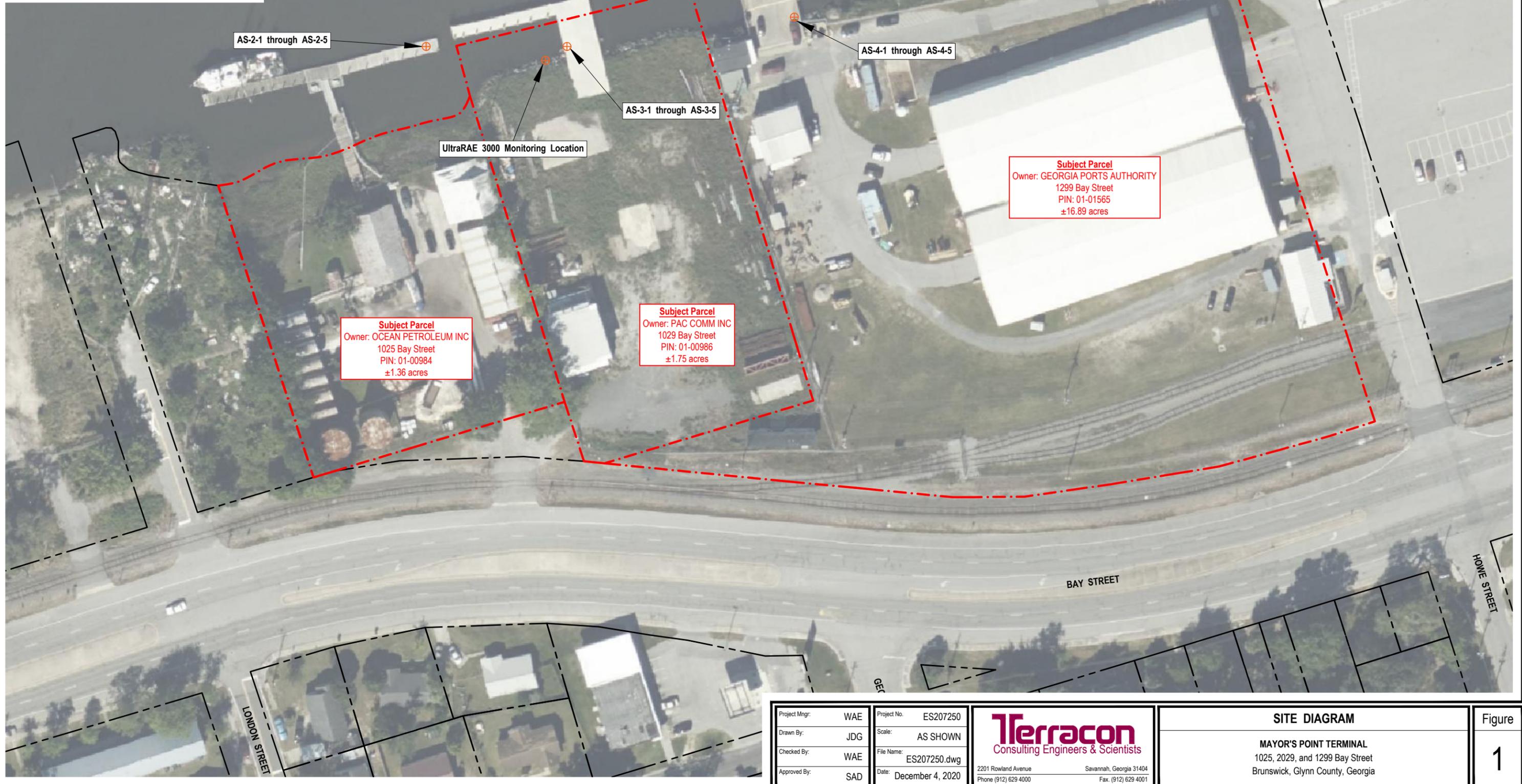
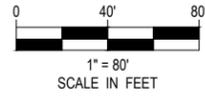
ATTACHMENTS

Figures

EXPLANATION

- · - · - SUBJECT SITE BOUNDARY
- ADJACENT PARCEL BOUNDARY
- ⊕ AMBIENT AIR SAMPLE LOCATION

Note:
Base data provided by Glynn County Parcel data. Map elements were graphically estimated from Bing Maps aerial imagery and on-site observations.



Project Mgr:	WAE	Project No.	ES207250
Drawn By:	JDG	Scale:	AS SHOWN
Checked By:	WAE	File Name:	ES207250.dwg
Approved By:	SAD	Date:	December 4, 2020

Terracon
Consulting Engineers & Scientists

2201 Rowland Avenue Savannah, Georgia 31404
Phone (912) 629 4000 Fax (912) 629 4001

SITE DIAGRAM

MAYOR'S POINT TERMINAL
1025, 2029, and 1299 Bay Street
Brunswick, Glynn County, Georgia

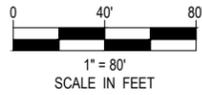
Figure
1

EXPLANATION

- - - SUBJECT SITE BOUNDARY
- ADJACENT PARCEL BOUNDARY
- ⊕ AMBIENT AIR SAMPLE LOCATION

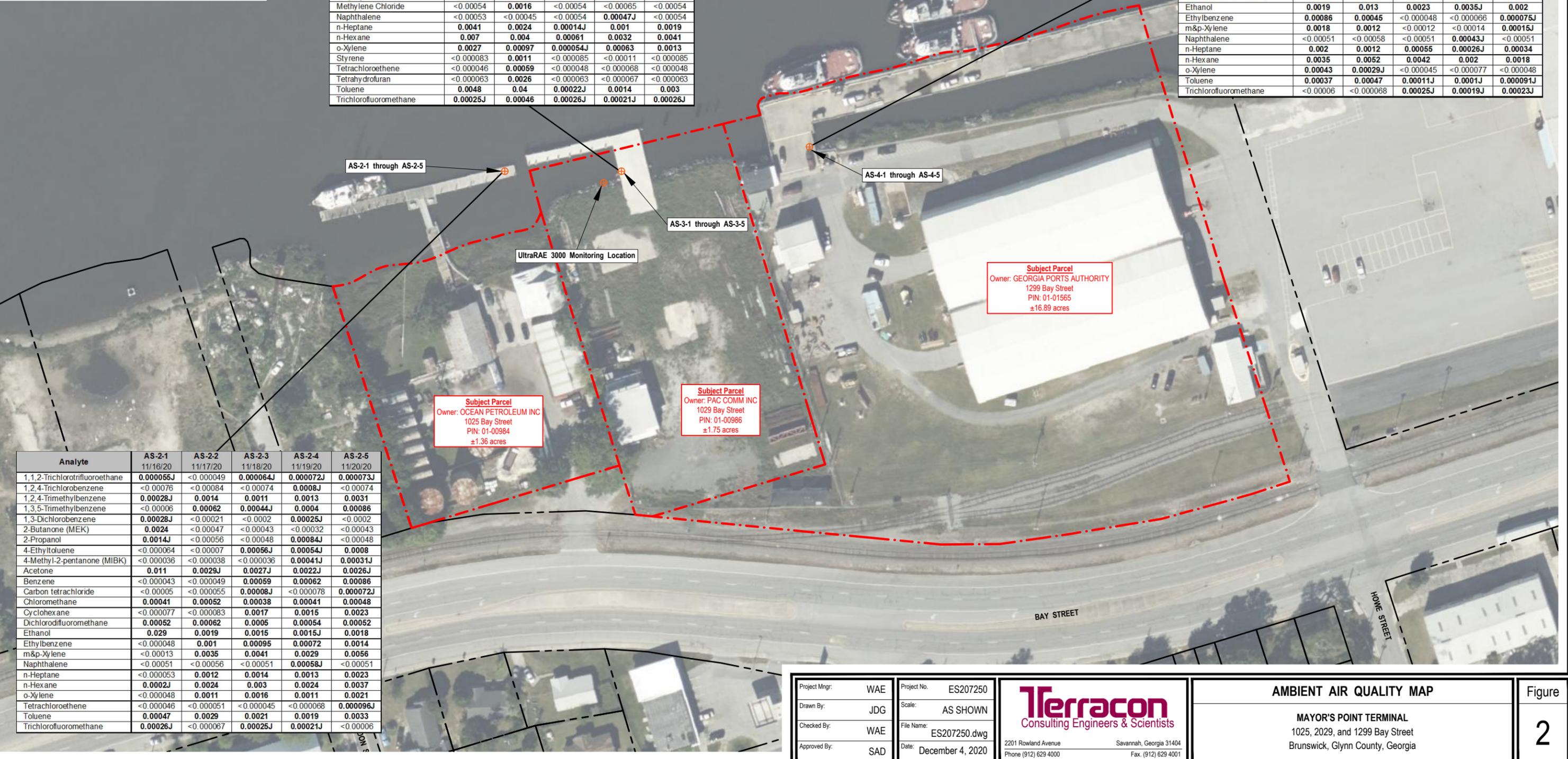
Note:
Base data provided by Glynn County Parcel data. Map elements were graphically estimated from Bing Maps aerial imagery and on-site observations.

Ambient air samples were collected on November 16 through 20, 2020.
Laboratory analytical results are presented in parts per million (ppm).
BOLD - concentration detected above the laboratory reporting limit.
J - Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.



Analyte	AS-3-1 11/16/20	AS-3-2 11/17/20	AS-3-3 11/18/20	AS-3-4 11/19/20	AS-3-5 11/20/20
1,1,2-Trichlorotrifluoroethane	0.000053J	<0.000039	0.000076J	<0.000062	0.0001J
1,2,4-Trichlorobenzene	<0.00077	<0.00068	<0.00078	0.00077J	<0.00078
1,2,4-Trimethylbenzene	0.0032	0.00062	<0.000042	0.00076	0.0016
1,3,5-Trimethylbenzene	0.0012	<0.000054	<0.000062	0.0002J	0.00046
2-Butanone (MEK)	<0.00043	0.01	<0.00043	<0.00032	0.0011J
2-Propanol	<0.00052	0.049	0.001J	<0.00044	<0.00052
4-Ethyltoluene	0.0011	<0.000056	<0.000066	0.00038J	0.00056J
4-Methyl-2-pentanone (MIBK)	<0.000036	0.00094J	<0.000038	0.00043J	<0.000038
Acetone	0.0051	0.043	0.0017J	0.0016J	0.0024J
Benzene	0.0014	0.001	0.0002	0.00059	0.00089
Carbon tetrachloride	<0.00005	0.000075J	0.000072J	<0.000078	0.000069J
Chloromethane	0.00052	<0.000048	0.00037	0.00041	0.00057
Cyclohexane	0.0045	0.0026	<0.00008	0.0015	0.0024
Dichlorodifluoromethane	0.00052	0.00062	0.00054	0.00048	0.00052
Ethanol	0.0023	0.17	0.0027	<0.00073	0.0021
Ethyl acetate	<0.000046	0.063	<0.000046	<0.000082	<0.000046
Ethylbenzene	0.0019	0.00084	0.000057J	0.00043	0.00093
m&p-Xylene	0.0076	0.0026	0.00018J	0.0017	0.0037
Methylene Chloride	<0.00054	0.0016	<0.00054	<0.00065	<0.00054
Naphthalene	<0.00053	<0.00045	<0.00054	0.00047J	<0.00054
n-Heptane	0.0041	0.0024	0.00014J	0.001	0.0019
n-Hexane	0.007	0.004	0.00061	0.0032	0.0041
o-Xylene	0.0027	0.0097	0.000054J	0.00063	0.0013
Styrene	<0.000083	0.0011	<0.000085	<0.00011	<0.000085
Tetrachloroethene	<0.000046	0.00059	<0.000048	<0.000068	<0.000048
Tetrahydrofuran	<0.000063	0.0026	<0.000063	<0.000067	<0.000063
Toluene	0.0048	0.04	0.00022J	0.0014	0.003
Trichlorofluoromethane	0.00025J	0.00046	0.00026J	0.00021J	0.00026J

Analyte	AS-4-1 11/16/20	AS-4-2 11/17/20	AS-4-3 11/18/20	AS-4-4 11/19/20	AS-4-5 11/20/20
1,1,2-Trichlorotrifluoroethane	<0.000044	0.00013J	0.000081J	<0.000062	0.000062J
1,2,4-Trimethylbenzene	0.0017	0.00068	<0.000038	0.00022J	0.00017J
1,3,5-Trimethylbenzene	0.00052	0.0003J	<0.00006	<0.000076	0.000062J
1,3-Dichlorobenzene	<0.0002	0.00039	<0.0002	<0.000092	<0.0002
2-Butanone (MEK)	0.0009J	0.0016J	<0.00043	0.00073J	0.00053J
2-Propanol	<0.00048	0.0037	0.00072J	<0.00044	<0.00048
4-Ethyltoluene	0.0005J	0.0003J	<0.000062	<0.0001	<0.000064
4-Methyl-2-pentanone (MIBK)	<0.000036	<0.000041	<0.000036	0.00041J	<0.000036
Acetone	0.0031J	0.012	<0.0013	0.0015J	0.0017J
Benzene	0.00077	0.00037	0.00019	0.00024	0.00017
Carbon tetrachloride	<0.000048	<0.000056	0.000077J	<0.000078	0.000064J
Chloromethane	0.00042	<0.000062	0.00041	0.00038	0.00043
Cyclohexane	0.0029	0.0036	0.0025	0.0013	0.0014
Dichlorodifluoromethane	0.0005	0.0006	0.0005	0.00048	0.00052
Ethanol	0.0019	0.013	0.0023	0.0035J	0.002
Ethylbenzene	0.00086	0.00045	<0.000048	<0.000066	0.000075J
m&p-Xylene	0.0018	0.0012	<0.00012	<0.00014	0.00015J
Naphthalene	<0.00051	<0.00058	<0.00051	0.00043J	<0.00051
n-Heptane	0.002	0.0012	0.00055	0.00026J	0.00034
n-Hexane	0.0035	0.0052	0.0042	0.002	0.0018
o-Xylene	0.00043	0.00029J	<0.000045	<0.000077	<0.000048
Toluene	0.00037	0.00047	0.00011J	0.0001J	0.000091J
Trichlorofluoromethane	<0.00006	<0.000068	0.00025J	0.00019J	0.00023J



Analyte	AS-2-1 11/16/20	AS-2-2 11/17/20	AS-2-3 11/18/20	AS-2-4 11/19/20	AS-2-5 11/20/20
1,1,2-Trichlorotrifluoroethane	0.000055J	<0.000049	0.000064J	0.000072J	0.000073J
1,2,4-Trichlorobenzene	<0.00076	<0.00084	<0.00074	0.0008J	<0.00074
1,2,4-Trimethylbenzene	0.00028J	0.0014	0.0011	0.0013	0.0031
1,3,5-Trimethylbenzene	<0.00006	0.00062	0.00044J	0.0004	0.00086
1,3-Dichlorobenzene	0.00028J	<0.00021	<0.0002	0.00025J	<0.0002
2-Butanone (MEK)	0.0024	<0.00047	<0.00043	<0.00032	<0.00043
2-Propanol	0.0014J	<0.00056	<0.00048	0.00084J	<0.00048
4-Ethyltoluene	<0.000064	<0.00007	0.00056J	0.00054J	0.0008
4-Methyl-2-pentanone (MIBK)	<0.000036	<0.000038	<0.000036	0.00041J	0.00031J
Acetone	0.011	0.0029J	0.0027J	0.0022J	0.0026J
Benzene	<0.00043	<0.00049	0.00059	0.00062	0.00086
Carbon tetrachloride	<0.00005	<0.000055	0.00008J	<0.000078	0.000072J
Chloromethane	0.00041	0.00052	0.00038	0.00041	0.00048
Cyclohexane	<0.000077	<0.000083	0.0017	0.0015	0.0023
Dichlorodifluoromethane	0.00052	0.00062	0.0005	0.00054	0.00052
Ethanol	0.029	0.0019	0.0015	0.0015J	0.0018
Ethylbenzene	<0.000048	0.001	0.00095	0.00072	0.0014
m&p-Xylene	<0.00013	0.0035	0.0041	0.0029	0.0056
Naphthalene	<0.00051	<0.00056	<0.00051	0.00058J	<0.00051
n-Heptane	<0.00053	0.0012	0.0014	0.0013	0.0023
n-Hexane	0.0002J	0.0024	0.003	0.0024	0.0037
o-Xylene	<0.000048	0.0011	0.0016	0.0011	0.0021
Tetrachloroethene	<0.000046	<0.000051	<0.000045	<0.000068	0.000096J
Toluene	0.00047	0.0029	0.0021	0.0019	0.0033
Trichlorofluoromethane	0.00026J	<0.000067	0.00025J	0.00021J	<0.00006

Project Mgr:	WAE	Project No.	ES207250
Drawn By:	JDG	Scale:	AS SHOWN
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Approved By:	SAD	Date:	December 4, 2020

Terracon
Consulting Engineers & Scientists

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AMBIENT AIR QUALITY MAP

MAYOR'S POINT TERMINAL
1025, 2029, and 1299 Bay Street
Brunswick, Glynn County, Georgia

Figure
2

Tables

Mayor's Point Terminal
 1025, 1029, and 1299 Bay Street
 Brunswick, Glynn County, Georgia Terracon
 Project No. ES207250

TABLE 1: SUMMARY OF AMBIENT AIR ANALYTICAL RESULTS

Analyte	CAS	AS-2-1 11/16/20	AS-2-2 11/17/20	AS-2-3 11/18/20	AS-2-4 11/19/20	AS-2-5 11/20/20	AS-3-1 11/16/20	AS-3-2 11/17/20	AS-3-3 11/18/20	AS-3-4 11/19/20	AS-3-5 11/20/20	AS-4-1 11/16/20	AS-4-2 11/17/20	AS-4-3 11/18/20	AS-4-4 11/19/20	AS-4-5 11/20/20	OSHA PEL (ppm)	OSHA STEL (ppm)	NIOSH REL (ppm)	NIOSH STEL (ppm)
1,1,2-Trichlorotrifluoroethane	76-13-1	0.000055J	<0.000049	0.000064J	0.000072J	0.000073J	0.000053J	<0.000039	0.000076J	<0.000062	0.0001J	<0.000044	0.00013J	0.000081J	<0.000062	0.000062J	1,000	NA	1,000	1,250
1,2,4-Trichlorobenzene	120-82-1	<0.00076	<0.00084	<0.00074	0.0008J	<0.00074	<0.00077	<0.00068	<0.00078	0.00077J	<0.00078	<0.00074	<0.00085	<0.00074	<0.00064	<0.00076	NA	NA	5	NA
1,2,4-Trimethylbenzene	95-63-6	0.00028J	0.0014	0.0011	0.0013	0.0031	0.0032	0.00062	<0.000042	0.00076	0.0016	0.0017	0.00068	<0.000038	0.00022J	0.00017J	NA	NA	25	NA
1,3,5-Trimethylbenzene	108-67-8	<0.00006	0.00062	0.00044J	0.0004	0.00086	0.0012	<0.000054	<0.000062	0.0002J	0.00046	0.00052	0.0003J	<0.00006	<0.000076	0.000062J	NA	NA	25	NA
1,3-Dichlorobenzene	541-73-1	0.00028J	<0.00021	<0.0002	0.00025J	<0.0002	<0.0002	<0.00018	<0.00021	<0.000092	<0.00021	<0.0002	0.00039	<0.0002	<0.000092	<0.0002	NA	NA	NA	NA
2-Butanone (MEK)	78-93-3	0.0024	<0.00047	<0.00043	<0.00032	<0.00043	<0.00043	0.01	<0.00043	<0.00032	0.0011J	0.0009J	0.0016J	<0.00043	0.00073J	0.00053J	200	NA	200	NA
2-Propanol	67-63-0	0.0014J	<0.00056	<0.00048	0.00084J	<0.00048	<0.00052	0.049	0.001J	<0.00044	<0.00052	<0.00048	0.0037	0.00072J	<0.00044	<0.00048	400	NA	400	500
4-Ethyltoluene	622-96-8	<0.000064	<0.00007	0.00056J	0.00054J	0.0008	0.0011	<0.000056	<0.000066	0.00038J	0.00056J	0.0005J	0.0003J	<0.000062	<0.0001	<0.000064	NA	NA	NA	NA
4-Methyl-2-pentanone (MIBK)	108-10-1	<0.000036	<0.000038	<0.000036	0.00041J	0.00031J	<0.000036	0.00094J	<0.000038	0.00043J	<0.000038	<0.000036	<0.000041	<0.000036	0.00041J	<0.000036	100	NA	50	75
Acetone	67-64-1	0.011	0.0029J	0.0027J	0.0022J	0.0026J	0.0051	0.043	0.0017J	0.0016J	0.0024J	0.0031J	0.012	<0.0013	0.0015J	0.0017J	1,000	NA	250	NA
Benzene	71-43-2	<0.000043	<0.000049	0.00059	0.00062	0.00086	0.0014	0.001	0.0002	0.00059	0.00089	0.00077	0.00037	0.00019	0.00024	0.00017	1	5	0.1	1
Carbon tetrachloride	56-23-5	<0.00005	<0.000055	0.00008J	<0.000078	0.000072J	<0.00005	0.000075J	0.000072J	<0.000078	0.000069J	<0.000048	<0.000056	0.000077J	<0.000078	0.000064J	10	200	2	NA
Chloromethane	74-87-3	0.00041	0.00052	0.00038	0.00041	0.00048	0.00052	<0.000048	0.00037	0.00041	0.00057	0.00042	<0.000062	0.00041	0.00038	0.00043	100	300	NA	NA
Cyclohexane	110-82-7	<0.000077	<0.000083	0.0017	0.0015	0.0023	0.0045	0.0026	<0.00008	0.0015	0.0024	0.0029	0.0036	0.0025	0.0013	0.0014	300	NA	300	NA
Dichlorodifluoromethane	75-71-8	0.00052	0.00062	0.0005	0.00054	0.00052	0.00052	0.00062	0.00054	0.00048	0.00052	0.0005	0.0006	0.0005	0.00048	0.00052	1,000	NA	1,000	NA
Ethanol	64-17-5	0.029	0.0019	0.0015	0.0015J	0.0018	0.0023	0.17	0.0027	<0.00073	0.0021	0.0019	0.013	0.0023	0.0035J	0.002	1,000	NA	1,000	NA
Ethyl acetate	141-78-6	<0.000044	<0.000049	<0.000044	<0.000082	<0.000044	<0.000046	0.063	<0.000046	<0.000082	<0.000046	<0.000044	<0.000049	<0.000044	<0.000082	<0.000044	400	NA	400	NA
Ethylbenzene	100-41-4	<0.000048	0.001	0.00095	0.00072	0.0014	0.0019	0.00084	0.00057J	0.00043	0.00093	0.00086	0.00045	<0.000048	<0.000066	0.000075J	100	NA	100	NA
m&p-Xylene	179601-23-1	<0.00013	0.0035	0.0041	0.0029	0.0056	0.0076	0.0026	0.0018J	0.0017	0.0037	0.0018	0.0012	<0.00012	<0.00014	0.00015J	100*	NA	100*	150*
Methylene Chloride	75-09-2	<0.00051	<0.00057	<0.00051	<0.00065	<0.00051	<0.00054	0.0016	<0.00054	<0.00065	<0.00054	<0.00051	<0.00059	<0.00051	<0.00065	<0.00051	25	125	NA	NA
Naphthalene	91-20-3	<0.00051	<0.00056	<0.00051	0.00058J	<0.00051	<0.00053	<0.00045	<0.00054	0.00047J	<0.00054	<0.00051	<0.00058	<0.00051	0.00043J	<0.00051	10	NA	10	15
n-Heptane	142-82-5	<0.000053	0.0012	0.0014	0.0013	0.0023	0.0041	0.0024	0.00014J	0.001	0.0019	0.002	0.0012	0.00055	0.00026J	0.00034	500	NA	85	440
n-Hexane	110-54-3	0.0002J	0.0024	0.003	0.0024	0.0037	0.007	0.004	0.00061	0.0032	0.0041	0.0035	0.0052	0.0042	0.002	0.0018	500	NA	50	NA
o-Xylene	95-47-6	<0.000048	0.0011	0.0016	0.0011	0.0021	0.0027	0.00097	0.00054J	0.00063	0.0013	0.00043	0.00029J	<0.000045	<0.000077	<0.000048	100*	NA	100*	150*
Styrene	100-42-5	<0.000081	<0.00009	<0.000081	<0.00011	<0.000081	<0.000083	0.0011	<0.000085	<0.00011	<0.000085	<0.000081	<0.000092	<0.000081	<0.00011	<0.000081	100	600	50	100
Tetrachloroethene	127-18-4	<0.000046	<0.000051	<0.000045	<0.000068	0.000096J	<0.000046	0.00059	<0.000048	<0.000068	<0.000048	<0.000045	<0.000052	<0.000045	<0.000068	<0.000046	100	300	NA	NA
Tetrahydrofuran	109-99-9	<0.000063	<0.00007	<0.00006	<0.000067	<0.00006	<0.000063	0.0026	<0.000063	<0.000067	<0.000063	<0.00006	<0.00007	<0.00006	<0.000067	<0.000063	200	NA	200	250
Toluene	108-88-3	0.00047	0.0029	0.0021	0.0019	0.0033	0.0048	0.04	0.00022J	0.0014	0.003	0.00037	0.00047	0.00011J	0.0001J	0.000091J	200	500	100	150
Trichlorofluoromethane	75-69-4	0.00026J	<0.000067	0.00025J	0.00021J	<0.00006	0.00025J	0.00046	0.00026J	0.00021J	0.00026J	<0.00006	<0.000068	0.00025J	0.00019J	0.00023J	1,000	NA	1,000	NA

Notes:

ppm - parts per million
BOLD - concentration detected above the reporting limit.
 J - Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.
 * - PEL, STEL, and REL for m-xylene, p-xylene, and o-xylene reported for total xylenes.
 OSHA - Occupational Safety and Health Administration
 NIOSH - National Institute for Occupational Safety and Health
 TWA - Time Weighted Average. Average exposure to any hazardous gas in a workplace based on an eight-hour workday and 40-hour work week indicating the maximum amount a worker may be exposed to without experiencing significant adverse health effects.
 PEL - Permissible Exposure Limit. Legal limit for exposure of an employee to a chemical substance or physical agent in accordance with CFR 29 1910.1000 Table Z-1, Z-2, and Z-3.
 STEL - Short-Term Exposure Limit. Legal allowable average exposure over a period of time (typically 15 minutes which should not be exceeded more than four times in a day as long as the TWA is not exceeded).
 REL - Recommended Exposure Limit. Non-enforceable recommendation by NIOSH to OSHA as updated PEL.

Laboratory Analytical Reports

November 23, 2020

Anthony Ellison
Terracon
2201 Rowland Ave
Savannah, GA 314061

RE: Project: E5207250 Mayors Point Terminal
Pace Project No.: 10539634

Dear Anthony Ellison:

Enclosed are the analytical results for sample(s) received by the laboratory on November 18, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Carolynne Trout
carolynne.trout@pacelabs.com
1(612)607-6351
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539634

Pace Analytical Services - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414

1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab

A2LA Certification #: 2926.01*

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009*

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014*

Arkansas DW Certification #: MN00064

Arkansas WW Certification #: 88-0680

California Certification #: 2929

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8+Wyoming DW Certification #: via MN 027-053-137

Florida Certification #: E87605*

Georgia Certification #: 959

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: AI-03086*

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064*

Maryland Certification #: 322

Massachusetts DWP Certification #: via MN 027-053-137

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137*

Minnesota Dept of Ag Certification #: via MN 027-053-137

Minnesota Petrofund Certification #: 1240*

Mississippi Certification #: MN00064

Missouri Certification #: 10100

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081*

New Jersey Certification #: MN002

New York Certification #: 11647*

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507*

Oregon Primary Certification #: MN300001

Oregon Secondary Certification #: MN200001*

Pennsylvania Certification #: 68-00563*

Puerto Rico Certification #: MN00064

South Carolina Certification #:74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192*

Utah Certification #: MN00064*

Vermont Certification #: VT-027053137

Virginia Certification #: 460163*

Washington Certification #: C486*

West Virginia DEP Certification #: 382

West Virginia DW Certification #: 9952 C

Wisconsin Certification #: 999407970

Wyoming UST Certification #: via A2LA 2926.01

USDA Permit #: P330-19-00208

Please Note: Applicable air certifications are denoted with an asterisk ().

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539634

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10539634001	AS-2-1	Air	11/16/20 17:14	11/18/20 09:45
10539634002	AS-3-1	Air	11/16/20 17:19	11/18/20 09:45
10539634003	AS-4-1	Air	11/16/20 17:25	11/18/20 09:45

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: E5207250 Mayors Point Terminal
Pace Project No.: 10539634

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10539634001	AS-2-1	TO-15	CH1	61
10539634002	AS-3-1	TO-15	CH1	61
10539634003	AS-4-1	TO-15	CH1	61

PASI-M = Pace Analytical Services - Minneapolis

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539634

Date: November 23, 2020

AS-2-1 (Lab ID: 10539634001)

- Analysis performed at 1800 Elm Street.

AS-3-1 (Lab ID: 10539634002)

- Analysis performed at 1800 Elm Street.

AS-4-1 (Lab ID: 10539634003)

- Analysis performed at 1800 Elm Street.

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539634

Method: TO-15

Description: TO15 MSV AIR

Client: Terracon-GA

Date: November 23, 2020

General Information:

3 samples were analyzed for TO-15 by Pace Analytical Services Minneapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539634

Sample: AS-2-1	Lab ID: 10539634001	Collected: 11/16/20 17:14	Received: 11/18/20 09:45	Matrix: Air				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15 Pace Analytical Services - Minneapolis						
Acetone	25.6	ug/m3	8.8	1.46		11/22/20 19:39	67-64-1	
Benzene	<0.14	ug/m3	0.47	1.46		11/22/20 19:39	71-43-2	
Benzyl chloride	<1.9	ug/m3	3.8	1.46		11/22/20 19:39	100-44-7	
Bromodichloromethane	<0.32	ug/m3	2.0	1.46		11/22/20 19:39	75-27-4	
Bromoform	<1.2	ug/m3	7.7	1.46		11/22/20 19:39	75-25-2	
Bromomethane	<0.27	ug/m3	1.2	1.46		11/22/20 19:39	74-83-9	
1,3-Butadiene	<0.17	ug/m3	0.66	1.46		11/22/20 19:39	106-99-0	
2-Butanone (MEK)	7.2	ug/m3	4.4	1.46		11/22/20 19:39	78-93-3	
Carbon disulfide	<0.14	ug/m3	0.92	1.46		11/22/20 19:39	75-15-0	
Carbon tetrachloride	<0.32	ug/m3	1.9	1.46		11/22/20 19:39	56-23-5	
Chlorobenzene	<0.22	ug/m3	1.4	1.46		11/22/20 19:39	108-90-7	
Chloroethane	<0.21	ug/m3	0.78	1.46		11/22/20 19:39	75-00-3	
Chloroform	<0.22	ug/m3	0.72	1.46		11/22/20 19:39	67-66-3	
Chloromethane	0.86	ug/m3	0.61	1.46		11/22/20 19:39	74-87-3	
Cyclohexane	<0.27	ug/m3	2.6	1.46		11/22/20 19:39	110-82-7	
Dibromochloromethane	<0.46	ug/m3	2.5	1.46		11/22/20 19:39	124-48-1	
1,2-Dibromoethane (EDB)	<0.32	ug/m3	1.1	1.46		11/22/20 19:39	106-93-4	
1,2-Dichlorobenzene	<1.1	ug/m3	1.8	1.46		11/22/20 19:39	95-50-1	
1,3-Dichlorobenzene	1.7J	ug/m3	1.8	1.46		11/22/20 19:39	541-73-1	
1,4-Dichlorobenzene	<1.4	ug/m3	4.5	1.46		11/22/20 19:39	106-46-7	
Dichlorodifluoromethane	2.6	ug/m3	1.5	1.46		11/22/20 19:39	75-71-8	
1,1-Dichloroethane	<0.19	ug/m3	1.2	1.46		11/22/20 19:39	75-34-3	
1,2-Dichloroethane	<0.19	ug/m3	0.60	1.46		11/22/20 19:39	107-06-2	
1,1-Dichloroethene	<0.19	ug/m3	1.2	1.46		11/22/20 19:39	75-35-4	
cis-1,2-Dichloroethene	<0.20	ug/m3	1.2	1.46		11/22/20 19:39	156-59-2	
trans-1,2-Dichloroethene	<0.25	ug/m3	1.2	1.46		11/22/20 19:39	156-60-5	
1,2-Dichloropropane	<0.25	ug/m3	1.4	1.46		11/22/20 19:39	78-87-5	
cis-1,3-Dichloropropene	<0.22	ug/m3	1.3	1.46		11/22/20 19:39	10061-01-5	
trans-1,3-Dichloropropene	<0.25	ug/m3	1.3	1.46		11/22/20 19:39	10061-02-6	
Dichlorotetrafluoroethane	<0.35	ug/m3	2.1	1.46		11/22/20 19:39	76-14-2	
Ethanol	56.2	ug/m3	2.8	1.46		11/22/20 19:39	64-17-5	
Ethyl acetate	<0.16	ug/m3	1.1	1.46		11/22/20 19:39	141-78-6	
Ethylbenzene	<0.21	ug/m3	1.3	1.46		11/22/20 19:39	100-41-4	
4-Ethyltoluene	<0.32	ug/m3	3.6	1.46		11/22/20 19:39	622-96-8	
n-Heptane	<0.22	ug/m3	1.2	1.46		11/22/20 19:39	142-82-5	
Hexachloro-1,3-butadiene	<2.8	ug/m3	7.9	1.46		11/22/20 19:39	87-68-3	
n-Hexane	0.71J	ug/m3	1.0	1.46		11/22/20 19:39	110-54-3	
2-Hexanone	<1.0	ug/m3	6.1	1.46		11/22/20 19:39	591-78-6	
Methylene Chloride	<1.8	ug/m3	5.2	1.46		11/22/20 19:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.15	ug/m3	6.1	1.46		11/22/20 19:39	108-10-1	
Methyl-tert-butyl ether	<0.19	ug/m3	5.3	1.46		11/22/20 19:39	1634-04-4	
Naphthalene	<2.7	ug/m3	3.9	1.46		11/22/20 19:39	91-20-3	
2-Propanol	3.5J	ug/m3	3.6	1.46		11/22/20 19:39	67-63-0	
Propylene	<0.35	ug/m3	0.51	1.46		11/22/20 19:39	115-07-1	
Styrene	<0.35	ug/m3	1.3	1.46		11/22/20 19:39	100-42-5	
1,1,2,2-Tetrachloroethane	<0.31	ug/m3	1.0	1.46		11/22/20 19:39	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539634

Sample: AS-2-1		Lab ID: 10539634001		Collected: 11/16/20 17:14		Received: 11/18/20 09:45		Matrix: Air	
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual	
TO15 MSV AIR									
Analytical Method: TO-15									
Pace Analytical Services - Minneapolis									
Tetrachloroethene	<0.32	ug/m3	1.0	1.46		11/22/20 19:39	127-18-4		
Tetrahydrofuran	<0.19	ug/m3	0.88	1.46		11/22/20 19:39	109-99-9		
Toluene	1.8	ug/m3	1.1	1.46		11/22/20 19:39	108-88-3		
1,2,4-Trichlorobenzene	<5.7	ug/m3	11.0	1.46		11/22/20 19:39	120-82-1		
1,1,1-Trichloroethane	<0.28	ug/m3	1.6	1.46		11/22/20 19:39	71-55-6		
1,1,2-Trichloroethane	<0.23	ug/m3	0.81	1.46		11/22/20 19:39	79-00-5		
Trichloroethene	<0.28	ug/m3	0.80	1.46		11/22/20 19:39	79-01-6		
Trichlorofluoromethane	1.5J	ug/m3	1.7	1.46		11/22/20 19:39	75-69-4		
1,1,2-Trichlorotrifluoroethane	0.43J	ug/m3	2.3	1.46		11/22/20 19:39	76-13-1		
1,2,4-Trimethylbenzene	1.4J	ug/m3	1.5	1.46		11/22/20 19:39	95-63-6		
1,3,5-Trimethylbenzene	<0.30	ug/m3	1.5	1.46		11/22/20 19:39	108-67-8		
Vinyl acetate	<0.16	ug/m3	1.0	1.46		11/22/20 19:39	108-05-4		
Vinyl chloride	<0.13	ug/m3	0.38	1.46		11/22/20 19:39	75-01-4		
m&p-Xylene	<0.56	ug/m3	2.6	1.46		11/22/20 19:39	179601-23-1		
o-Xylene	<0.21	ug/m3	1.3	1.46		11/22/20 19:39	95-47-6		

Sample: AS-3-1		Lab ID: 10539634002		Collected: 11/16/20 17:19		Received: 11/18/20 09:45		Matrix: Air	
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual	
TO15 MSV AIR									
Analytical Method: TO-15									
Pace Analytical Services - Minneapolis									
Acetone	12.2	ug/m3	9.0	1.49		11/22/20 20:36	67-64-1		
Benzene	4.6	ug/m3	0.48	1.49		11/22/20 20:36	71-43-2		
Benzyl chloride	<2.0	ug/m3	3.9	1.49		11/22/20 20:36	100-44-7		
Bromodichloromethane	<0.32	ug/m3	2.0	1.49		11/22/20 20:36	75-27-4		
Bromoform	<1.2	ug/m3	7.8	1.49		11/22/20 20:36	75-25-2		
Bromomethane	<0.28	ug/m3	1.2	1.49		11/22/20 20:36	74-83-9		
1,3-Butadiene	<0.17	ug/m3	0.67	1.49		11/22/20 20:36	106-99-0		
2-Butanone (MEK)	<1.3	ug/m3	4.5	1.49		11/22/20 20:36	78-93-3		
Carbon disulfide	<0.14	ug/m3	0.94	1.49		11/22/20 20:36	75-15-0		
Carbon tetrachloride	<0.32	ug/m3	1.9	1.49		11/22/20 20:36	56-23-5		
Chlorobenzene	<0.23	ug/m3	1.4	1.49		11/22/20 20:36	108-90-7		
Chloroethane	<0.21	ug/m3	0.80	1.49		11/22/20 20:36	75-00-3		
Chloroform	<0.22	ug/m3	0.74	1.49		11/22/20 20:36	67-66-3		
Chloromethane	1.1	ug/m3	0.63	1.49		11/22/20 20:36	74-87-3		
Cyclohexane	15.7	ug/m3	2.6	1.49		11/22/20 20:36	110-82-7		
Dibromochloromethane	<0.47	ug/m3	2.6	1.49		11/22/20 20:36	124-48-1		
1,2-Dibromoethane (EDB)	<0.32	ug/m3	1.2	1.49		11/22/20 20:36	106-93-4		
1,2-Dichlorobenzene	<1.1	ug/m3	1.8	1.49		11/22/20 20:36	95-50-1		
1,3-Dichlorobenzene	<1.2	ug/m3	1.8	1.49		11/22/20 20:36	541-73-1		
1,4-Dichlorobenzene	<1.4	ug/m3	4.6	1.49		11/22/20 20:36	106-46-7		
Dichlorodifluoromethane	2.6	ug/m3	1.5	1.49		11/22/20 20:36	75-71-8		
1,1-Dichloroethane	<0.19	ug/m3	1.2	1.49		11/22/20 20:36	75-34-3		
1,2-Dichloroethane	<0.20	ug/m3	0.61	1.49		11/22/20 20:36	107-06-2		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539634

Sample: AS-3-1	Lab ID: 10539634002	Collected: 11/16/20 17:19	Received: 11/18/20 09:45	Matrix: Air				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15						
		Pace Analytical Services - Minneapolis						
1,1-Dichloroethene	<0.20	ug/m3	1.2	1.49		11/22/20 20:36	75-35-4	
cis-1,2-Dichloroethene	<0.21	ug/m3	1.2	1.49		11/22/20 20:36	156-59-2	
trans-1,2-Dichloroethene	<0.25	ug/m3	1.2	1.49		11/22/20 20:36	156-60-5	
1,2-Dichloropropane	<0.25	ug/m3	1.4	1.49		11/22/20 20:36	78-87-5	
cis-1,3-Dichloropropene	<0.23	ug/m3	1.4	1.49		11/22/20 20:36	10061-01-5	
trans-1,3-Dichloropropene	<0.26	ug/m3	1.4	1.49		11/22/20 20:36	10061-02-6	
Dichlorotetrafluoroethane	<0.36	ug/m3	2.1	1.49		11/22/20 20:36	76-14-2	
Ethanol	4.4	ug/m3	2.9	1.49		11/22/20 20:36	64-17-5	
Ethyl acetate	<0.17	ug/m3	1.1	1.49		11/22/20 20:36	141-78-6	
Ethylbenzene	8.6	ug/m3	1.3	1.49		11/22/20 20:36	100-41-4	
4-Ethyltoluene	5.4	ug/m3	3.7	1.49		11/22/20 20:36	622-96-8	
n-Heptane	16.9	ug/m3	1.2	1.49		11/22/20 20:36	142-82-5	
Hexachloro-1,3-butadiene	<2.9	ug/m3	8.1	1.49		11/22/20 20:36	87-68-3	
n-Hexane	25.0	ug/m3	1.1	1.49		11/22/20 20:36	110-54-3	
2-Hexanone	<1.1	ug/m3	6.2	1.49		11/22/20 20:36	591-78-6	
Methylene Chloride	<1.9	ug/m3	5.3	1.49		11/22/20 20:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.15	ug/m3	6.2	1.49		11/22/20 20:36	108-10-1	
Methyl-tert-butyl ether	<0.19	ug/m3	5.5	1.49		11/22/20 20:36	1634-04-4	
Naphthalene	<2.8	ug/m3	4.0	1.49		11/22/20 20:36	91-20-3	
2-Propanol	<1.3	ug/m3	3.7	1.49		11/22/20 20:36	67-63-0	
Propylene	<0.36	ug/m3	0.52	1.49		11/22/20 20:36	115-07-1	
Styrene	<0.36	ug/m3	1.3	1.49		11/22/20 20:36	100-42-5	
1,1,2,2-Tetrachloroethane	<0.32	ug/m3	1.0	1.49		11/22/20 20:36	79-34-5	
Tetrachloroethene	<0.32	ug/m3	1.0	1.49		11/22/20 20:36	127-18-4	
Tetrahydrofuran	<0.19	ug/m3	0.89	1.49		11/22/20 20:36	109-99-9	
Toluene	18.3	ug/m3	1.1	1.49		11/22/20 20:36	108-88-3	
1,2,4-Trichlorobenzene	<5.8	ug/m3	11.2	1.49		11/22/20 20:36	120-82-1	
1,1,1-Trichloroethane	<0.29	ug/m3	1.7	1.49		11/22/20 20:36	71-55-6	
1,1,2-Trichloroethane	<0.23	ug/m3	0.83	1.49		11/22/20 20:36	79-00-5	
Trichloroethene	<0.28	ug/m3	0.81	1.49		11/22/20 20:36	79-01-6	
Trichlorofluoromethane	1.4J	ug/m3	1.7	1.49		11/22/20 20:36	75-69-4	
1,1,2-Trichlorotrifluoroethane	0.41J	ug/m3	2.3	1.49		11/22/20 20:36	76-13-1	
1,2,4-Trimethylbenzene	15.8	ug/m3	1.5	1.49		11/22/20 20:36	95-63-6	
1,3,5-Trimethylbenzene	5.8	ug/m3	1.5	1.49		11/22/20 20:36	108-67-8	
Vinyl acetate	<0.16	ug/m3	1.1	1.49		11/22/20 20:36	108-05-4	
Vinyl chloride	<0.13	ug/m3	0.39	1.49		11/22/20 20:36	75-01-4	
m&p-Xylene	33.7	ug/m3	2.6	1.49		11/22/20 20:36	179601-23-1	
o-Xylene	11.7	ug/m3	1.3	1.49		11/22/20 20:36	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539634

Sample: AS-4-1	Lab ID: 10539634003	Collected: 11/16/20 17:25	Received: 11/18/20 09:45	Matrix: Air				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15 Pace Analytical Services - Minneapolis						
Acetone	7.6J	ug/m3	8.7	1.44		11/22/20 21:33	67-64-1	
Benzene	2.5	ug/m3	0.47	1.44		11/22/20 21:33	71-43-2	
Benzyl chloride	<1.9	ug/m3	3.8	1.44		11/22/20 21:33	100-44-7	
Bromodichloromethane	<0.31	ug/m3	2.0	1.44		11/22/20 21:33	75-27-4	
Bromoform	<1.2	ug/m3	7.6	1.44		11/22/20 21:33	75-25-2	
Bromomethane	<0.27	ug/m3	1.1	1.44		11/22/20 21:33	74-83-9	
1,3-Butadiene	<0.17	ug/m3	0.65	1.44		11/22/20 21:33	106-99-0	
2-Butanone (MEK)	2.7J	ug/m3	4.3	1.44		11/22/20 21:33	78-93-3	
Carbon disulfide	<0.14	ug/m3	0.91	1.44		11/22/20 21:33	75-15-0	
Carbon tetrachloride	<0.31	ug/m3	1.8	1.44		11/22/20 21:33	56-23-5	
Chlorobenzene	<0.22	ug/m3	1.3	1.44		11/22/20 21:33	108-90-7	
Chloroethane	<0.21	ug/m3	0.77	1.44		11/22/20 21:33	75-00-3	
Chloroform	<0.22	ug/m3	0.71	1.44		11/22/20 21:33	67-66-3	
Chloromethane	0.89	ug/m3	0.60	1.44		11/22/20 21:33	74-87-3	
Cyclohexane	10.3	ug/m3	2.5	1.44		11/22/20 21:33	110-82-7	
Dibromochloromethane	<0.46	ug/m3	2.5	1.44		11/22/20 21:33	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/m3	1.1	1.44		11/22/20 21:33	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/m3	1.8	1.44		11/22/20 21:33	95-50-1	
1,3-Dichlorobenzene	<1.2	ug/m3	1.8	1.44		11/22/20 21:33	541-73-1	
1,4-Dichlorobenzene	<1.4	ug/m3	4.4	1.44		11/22/20 21:33	106-46-7	
Dichlorodifluoromethane	2.5	ug/m3	1.5	1.44		11/22/20 21:33	75-71-8	
1,1-Dichloroethane	<0.19	ug/m3	1.2	1.44		11/22/20 21:33	75-34-3	
1,2-Dichloroethane	<0.19	ug/m3	0.59	1.44		11/22/20 21:33	107-06-2	
1,1-Dichloroethene	<0.19	ug/m3	1.2	1.44		11/22/20 21:33	75-35-4	
cis-1,2-Dichloroethene	<0.20	ug/m3	1.2	1.44		11/22/20 21:33	156-59-2	
trans-1,2-Dichloroethene	<0.24	ug/m3	1.2	1.44		11/22/20 21:33	156-60-5	
1,2-Dichloropropane	<0.24	ug/m3	1.4	1.44		11/22/20 21:33	78-87-5	
cis-1,3-Dichloropropene	<0.22	ug/m3	1.3	1.44		11/22/20 21:33	10061-01-5	
trans-1,3-Dichloropropene	<0.25	ug/m3	1.3	1.44		11/22/20 21:33	10061-02-6	
Dichlorotetrafluoroethane	<0.35	ug/m3	2.0	1.44		11/22/20 21:33	76-14-2	
Ethanol	3.7	ug/m3	2.8	1.44		11/22/20 21:33	64-17-5	
Ethyl acetate	<0.16	ug/m3	1.1	1.44		11/22/20 21:33	141-78-6	
Ethylbenzene	3.8	ug/m3	1.3	1.44		11/22/20 21:33	100-41-4	
4-Ethyltoluene	2.5J	ug/m3	3.6	1.44		11/22/20 21:33	622-96-8	
n-Heptane	8.3	ug/m3	1.2	1.44		11/22/20 21:33	142-82-5	
Hexachloro-1,3-butadiene	<2.8	ug/m3	7.8	1.44		11/22/20 21:33	87-68-3	
n-Hexane	12.6	ug/m3	1.0	1.44		11/22/20 21:33	110-54-3	
2-Hexanone	<1.0	ug/m3	6.0	1.44		11/22/20 21:33	591-78-6	
Methylene Chloride	<1.8	ug/m3	5.1	1.44		11/22/20 21:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.15	ug/m3	6.0	1.44		11/22/20 21:33	108-10-1	
Methyl-tert-butyl ether	<0.19	ug/m3	5.3	1.44		11/22/20 21:33	1634-04-4	
Naphthalene	<2.7	ug/m3	3.8	1.44		11/22/20 21:33	91-20-3	
2-Propanol	<1.2	ug/m3	3.6	1.44		11/22/20 21:33	67-63-0	
Propylene	<0.35	ug/m3	0.50	1.44		11/22/20 21:33	115-07-1	
Styrene	<0.35	ug/m3	1.2	1.44		11/22/20 21:33	100-42-5	
1,1,2,2-Tetrachloroethane	<0.31	ug/m3	1.0	1.44		11/22/20 21:33	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539634

Sample: AS-4-1	Lab ID: 10539634003	Collected: 11/16/20 17:25		Received: 11/18/20 09:45		Matrix: Air		
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15						
		Pace Analytical Services - Minneapolis						
Tetrachloroethene	<0.31	ug/m3	0.99	1.44		11/22/20 21:33	127-18-4	
Tetrahydrofuran	<0.18	ug/m3	0.86	1.44		11/22/20 21:33	109-99-9	
Toluene	1.4	ug/m3	1.1	1.44		11/22/20 21:33	108-88-3	
1,2,4-Trichlorobenzene	<5.6	ug/m3	10.9	1.44		11/22/20 21:33	120-82-1	
1,1,1-Trichloroethane	<0.28	ug/m3	1.6	1.44		11/22/20 21:33	71-55-6	
1,1,2-Trichloroethane	<0.23	ug/m3	0.80	1.44		11/22/20 21:33	79-00-5	
Trichloroethene	<0.28	ug/m3	0.79	1.44		11/22/20 21:33	79-01-6	
Trichlorofluoromethane	<0.34	ug/m3	1.6	1.44		11/22/20 21:33	75-69-4	
1,1,2-Trichlorotrifluoroethane	<0.34	ug/m3	2.2	1.44		11/22/20 21:33	76-13-1	
1,2,4-Trimethylbenzene	8.6	ug/m3	1.4	1.44		11/22/20 21:33	95-63-6	
1,3,5-Trimethylbenzene	2.6	ug/m3	1.4	1.44		11/22/20 21:33	108-67-8	
Vinyl acetate	<0.16	ug/m3	1.0	1.44		11/22/20 21:33	108-05-4	
Vinyl chloride	<0.12	ug/m3	0.37	1.44		11/22/20 21:33	75-01-4	
m&p-Xylene	8.0	ug/m3	2.5	1.44		11/22/20 21:33	179601-23-1	
o-Xylene	1.9	ug/m3	1.3	1.44		11/22/20 21:33	95-47-6	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539634

QC Batch: 712455

Analysis Method: TO-15

QC Batch Method: TO-15

Analysis Description: TO15 MSV AIR Low Level

Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10539634001, 10539634002, 10539634003

METHOD BLANK: 3804490

Matrix: Air

Associated Lab Samples: 10539634001, 10539634002, 10539634003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.096	0.56	11/22/20 13:17	
1,1,2,2-Tetrachloroethane	ug/m3	<0.11	0.35	11/22/20 13:17	
1,1,2-Trichloroethane	ug/m3	<0.078	0.28	11/22/20 13:17	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.12	0.78	11/22/20 13:17	
1,1-Dichloroethane	ug/m3	<0.064	0.41	11/22/20 13:17	
1,1-Dichloroethene	ug/m3	<0.066	0.40	11/22/20 13:17	
1,2,4-Trichlorobenzene	ug/m3	<2.0	3.8	11/22/20 13:17	
1,2,4-Trimethylbenzene	ug/m3	<0.068	0.50	11/22/20 13:17	
1,2-Dibromoethane (EDB)	ug/m3	<0.11	0.39	11/22/20 13:17	
1,2-Dichlorobenzene	ug/m3	<0.36	0.61	11/22/20 13:17	
1,2-Dichloroethane	ug/m3	<0.066	0.21	11/22/20 13:17	
1,2-Dichloropropane	ug/m3	<0.084	0.47	11/22/20 13:17	
1,3,5-Trimethylbenzene	ug/m3	<0.10	0.50	11/22/20 13:17	
1,3-Butadiene	ug/m3	<0.058	0.22	11/22/20 13:17	
1,3-Dichlorobenzene	ug/m3	<0.42	0.61	11/22/20 13:17	
1,4-Dichlorobenzene	ug/m3	<0.48	1.5	11/22/20 13:17	
2-Butanone (MEK)	ug/m3	<0.44	1.5	11/22/20 13:17	
2-Hexanone	ug/m3	<0.36	2.1	11/22/20 13:17	
2-Propanol	ug/m3	<0.43	1.2	11/22/20 13:17	
4-Ethyltoluene	ug/m3	<0.11	1.2	11/22/20 13:17	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.051	2.1	11/22/20 13:17	
Acetone	ug/m3	<1.1	3.0	11/22/20 13:17	
Benzene	ug/m3	<0.049	0.16	11/22/20 13:17	
Benzyl chloride	ug/m3	<0.66	1.3	11/22/20 13:17	
Bromodichloromethane	ug/m3	<0.11	0.68	11/22/20 13:17	
Bromoform	ug/m3	<0.40	2.6	11/22/20 13:17	
Bromomethane	ug/m3	<0.094	0.39	11/22/20 13:17	
Carbon disulfide	ug/m3	<0.047	0.32	11/22/20 13:17	
Carbon tetrachloride	ug/m3	<0.11	0.64	11/22/20 13:17	
Chlorobenzene	ug/m3	<0.076	0.47	11/22/20 13:17	
Chloroethane	ug/m3	<0.072	0.27	11/22/20 13:17	
Chloroform	ug/m3	<0.075	0.25	11/22/20 13:17	
Chloromethane	ug/m3	<0.040	0.21	11/22/20 13:17	
cis-1,2-Dichloroethene	ug/m3	<0.070	0.40	11/22/20 13:17	
cis-1,3-Dichloropropene	ug/m3	<0.076	0.46	11/22/20 13:17	
Cyclohexane	ug/m3	<0.092	0.88	11/22/20 13:17	
Dibromochloromethane	ug/m3	<0.16	0.86	11/22/20 13:17	
Dichlorodifluoromethane	ug/m3	<0.27	0.50	11/22/20 13:17	
Dichlorotetrafluoroethane	ug/m3	<0.12	0.71	11/22/20 13:17	
Ethanol	ug/m3	<0.28	0.96	11/22/20 13:17	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539634

METHOD BLANK: 3804490

Matrix: Air

Associated Lab Samples: 10539634001, 10539634002, 10539634003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethyl acetate	ug/m3	<0.056	0.37	11/22/20 13:17	
Ethylbenzene	ug/m3	<0.074	0.44	11/22/20 13:17	
Hexachloro-1,3-butadiene	ug/m3	<0.97	2.7	11/22/20 13:17	
m&p-Xylene	ug/m3	<0.19	0.88	11/22/20 13:17	
Methyl-tert-butyl ether	ug/m3	<0.065	1.8	11/22/20 13:17	
Methylene Chloride	ug/m3	<0.63	1.8	11/22/20 13:17	
n-Heptane	ug/m3	<0.076	0.42	11/22/20 13:17	
n-Hexane	ug/m3	<0.11	0.36	11/22/20 13:17	
Naphthalene	ug/m3	<0.94	1.3	11/22/20 13:17	
o-Xylene	ug/m3	<0.071	0.44	11/22/20 13:17	
Propylene	ug/m3	<0.12	0.18	11/22/20 13:17	
Styrene	ug/m3	<0.12	0.43	11/22/20 13:17	
Tetrachloroethene	ug/m3	<0.11	0.34	11/22/20 13:17	
Tetrahydrofuran	ug/m3	<0.064	0.30	11/22/20 13:17	
Toluene	ug/m3	<0.056	0.38	11/22/20 13:17	
trans-1,2-Dichloroethene	ug/m3	<0.085	0.40	11/22/20 13:17	
trans-1,3-Dichloropropene	ug/m3	<0.087	0.46	11/22/20 13:17	
Trichloroethene	ug/m3	<0.096	0.27	11/22/20 13:17	
Trichlorofluoromethane	ug/m3	<0.12	0.57	11/22/20 13:17	
Vinyl acetate	ug/m3	<0.054	0.36	11/22/20 13:17	
Vinyl chloride	ug/m3	<0.043	0.13	11/22/20 13:17	

LABORATORY CONTROL SAMPLE: 3804491

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	57	57.8	101	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	71.9	84.2	117	70-132	
1,1,2-Trichloroethane	ug/m3	57.3	57.1	100	70-133	
1,1,2-Trichlorotrifluoroethane	ug/m3	80.3	72.2	90	70-130	
1,1-Dichloroethane	ug/m3	42.7	45.5	107	70-130	
1,1-Dichloroethene	ug/m3	41.4	37.7	91	69-137	
1,2,4-Trichlorobenzene	ug/m3	156	154	99	70-130	
1,2,4-Trimethylbenzene	ug/m3	51.5	47.7	93	70-137	
1,2-Dibromoethane (EDB)	ug/m3	80.3	91.6	114	70-138	
1,2-Dichlorobenzene	ug/m3	63.1	76.0	120	70-136	
1,2-Dichloroethane	ug/m3	42.4	45.4	107	70-130	
1,2-Dichloropropane	ug/m3	48.6	50.4	104	70-132	
1,3,5-Trimethylbenzene	ug/m3	51.6	60.5	117	70-136	
1,3-Butadiene	ug/m3	23.3	22.8	98	67-139	
1,3-Dichlorobenzene	ug/m3	63.4	73.4	116	70-138	
1,4-Dichlorobenzene	ug/m3	63.4	70.6	111	70-145	
2-Butanone (MEK)	ug/m3	31.4	33.9	108	61-130	
2-Hexanone	ug/m3	42.8	43.7	102	70-138	
2-Propanol	ug/m3	119	106	89	70-136	

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QUALITY CONTROL DATA

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539634

LABORATORY CONTROL SAMPLE: 3804491

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Ethyltoluene	ug/m3	52.4	60.0	115	70-142	
4-Methyl-2-pentanone (MIBK)	ug/m3	43.6	48.8	112	70-134	
Acetone	ug/m3	126	108	85	59-137	
Benzene	ug/m3	33.5	36.9	110	70-133	
Benzyl chloride	ug/m3	55.1	53.6	97	70-139	
Bromodichloromethane	ug/m3	71.5	75.7	106	70-130	
Bromoform	ug/m3	110	122	111	60-140	
Bromomethane	ug/m3	41.3	34.2	83	70-131	
Carbon disulfide	ug/m3	33.3	36.2	109	70-130	
Carbon tetrachloride	ug/m3	66.2	66.8	101	70-133	
Chlorobenzene	ug/m3	48.3	51.0	106	70-131	
Chloroethane	ug/m3	28.1	28.3	101	70-141	
Chloroform	ug/m3	51.1	52.7	103	70-130	
Chloromethane	ug/m3	21.9	21.1	96	64-137	
cis-1,2-Dichloroethene	ug/m3	41.6	45.0	108	70-132	
cis-1,3-Dichloropropene	ug/m3	47.7	48.5	102	70-138	
Cyclohexane	ug/m3	36.7	40.9	111	70-133	
Dibromochloromethane	ug/m3	90.7	92.1	102	70-139	
Dichlorodifluoromethane	ug/m3	51.6	50.7	98	70-130	
Dichlorotetrafluoroethane	ug/m3	72.7	66.0	91	65-133	
Ethanol	ug/m3	103	92.3	90	65-135	
Ethyl acetate	ug/m3	38.6	42.8	111	70-135	
Ethylbenzene	ug/m3	45.6	53.9	118	70-142	
Hexachloro-1,3-butadiene	ug/m3	112	109	97	70-134	
m&p-Xylene	ug/m3	91.2	107	117	70-141	
Methyl-tert-butyl ether	ug/m3	38.4	43.4	113	70-131	
Methylene Chloride	ug/m3	182	182	100	69-130	
n-Heptane	ug/m3	43.6	49.8	114	70-130	
n-Hexane	ug/m3	37.6	41.5	110	70-131	
Naphthalene	ug/m3	57.7	59.4	103	63-130	
o-Xylene	ug/m3	45.5	52.7	116	70-135	
Propylene	ug/m3	18.2	19.5	107	63-139	
Styrene	ug/m3	44.9	43.9	98	70-143	
Tetrachloroethene	ug/m3	71	75.2	106	70-136	
Tetrahydrofuran	ug/m3	31.5	37.5	119	70-137	
Toluene	ug/m3	39.5	44.5	113	70-136	
trans-1,2-Dichloroethene	ug/m3	42.2	45.6	108	70-132	
trans-1,3-Dichloropropene	ug/m3	47.7	49.2	103	70-139	
Trichloroethene	ug/m3	56.3	57.8	103	70-132	
Trichlorofluoromethane	ug/m3	59.7	53.4	90	65-136	
Vinyl acetate	ug/m3	34.5	41.0	119	66-140	
Vinyl chloride	ug/m3	26.7	25.3	95	68-141	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539634

SAMPLE DUPLICATE: 3804782

Parameter	Units	10539634001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.28	<0.28		25	
1,1,2,2-Tetrachloroethane	ug/m3	<0.31	<0.31		25	
1,1,2-Trichloroethane	ug/m3	<0.23	<0.23		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	0.43J	<0.34		25	
1,1-Dichloroethane	ug/m3	<0.19	<0.19		25	
1,1-Dichloroethene	ug/m3	<0.19	<0.19		25	
1,2,4-Trichlorobenzene	ug/m3	<5.7	<5.7		25	
1,2,4-Trimethylbenzene	ug/m3	1.4J	1.4J		25	
1,2-Dibromoethane (EDB)	ug/m3	<0.32	<0.32		25	
1,2-Dichlorobenzene	ug/m3	<1.1	<1.1		25	
1,2-Dichloroethane	ug/m3	<0.19	<0.19		25	
1,2-Dichloropropane	ug/m3	<0.25	<0.25		25	
1,3,5-Trimethylbenzene	ug/m3	<0.30	<0.30		25	
1,3-Butadiene	ug/m3	<0.17	<0.17		25	
1,3-Dichlorobenzene	ug/m3	1.7J	1.7J		25	
1,4-Dichlorobenzene	ug/m3	<1.4	<1.4		25	
2-Butanone (MEK)	ug/m3	7.2	6.6	8	25	
2-Hexanone	ug/m3	<1.0	<1.0		25	
2-Propanol	ug/m3	3.5J	3.5J		25	
4-Ethyltoluene	ug/m3	<0.32	<0.32		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.15	<0.15		25	
Acetone	ug/m3	25.6	25.7	0	25	
Benzene	ug/m3	<0.14	<0.14		25	
Benzyl chloride	ug/m3	<1.9	<1.9		25	
Bromodichloromethane	ug/m3	<0.32	<0.32		25	
Bromoform	ug/m3	<1.2	<1.2		25	
Bromomethane	ug/m3	<0.27	<0.27		25	
Carbon disulfide	ug/m3	<0.14	<0.14		25	
Carbon tetrachloride	ug/m3	<0.32	<0.32		25	
Chlorobenzene	ug/m3	<0.22	<0.22		25	
Chloroethane	ug/m3	<0.21	<0.21		25	
Chloroform	ug/m3	<0.22	<0.22		25	
Chloromethane	ug/m3	0.86	0.87	0	25	
cis-1,2-Dichloroethene	ug/m3	<0.20	<0.20		25	
cis-1,3-Dichloropropene	ug/m3	<0.22	<0.22		25	
Cyclohexane	ug/m3	<0.27	<0.27		25	
Dibromochloromethane	ug/m3	<0.46	<0.46		25	
Dichlorodifluoromethane	ug/m3	2.6	2.5	2	25	
Dichlorotetrafluoroethane	ug/m3	<0.35	<0.35		25	
Ethanol	ug/m3	56.2	57.3	2	25	
Ethyl acetate	ug/m3	<0.16	<0.16		25	
Ethylbenzene	ug/m3	<0.21	<0.21		25	
Hexachloro-1,3-butadiene	ug/m3	<2.8	<2.8		25	
m&p-Xylene	ug/m3	<0.56	<0.56		25	
Methyl-tert-butyl ether	ug/m3	<0.19	<0.19		25	
Methylene Chloride	ug/m3	<1.8	<1.8		25	
n-Heptane	ug/m3	<0.22	<0.22		25	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539634

SAMPLE DUPLICATE: 3804782

Parameter	Units	10539634001 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	0.71J	0.71J		25	
Naphthalene	ug/m3	<2.7	<2.7		25	
o-Xylene	ug/m3	<0.21	<0.21		25	
Propylene	ug/m3	<0.35	<0.35		25	
Styrene	ug/m3	<0.35	<0.35		25	
Tetrachloroethene	ug/m3	<0.32	<0.32		25	
Tetrahydrofuran	ug/m3	<0.19	<0.19		25	
Toluene	ug/m3	1.8	2.0	6	25	
trans-1,2-Dichloroethene	ug/m3	<0.25	<0.25		25	
trans-1,3-Dichloropropene	ug/m3	<0.25	<0.25		25	
Trichloroethene	ug/m3	<0.28	<0.28		25	
Trichlorofluoromethane	ug/m3	1.5J	1.5J		25	
Vinyl acetate	ug/m3	<0.16	<0.16		25	
Vinyl chloride	ug/m3	<0.13	<0.13		25	

SAMPLE DUPLICATE: 3804783

Parameter	Units	10539634002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.29	<0.29		25	
1,1,2,2-Tetrachloroethane	ug/m3	<0.32	<0.32		25	
1,1,2-Trichloroethane	ug/m3	<0.23	<0.23		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	0.41J	<0.35		25	
1,1-Dichloroethane	ug/m3	<0.19	<0.19		25	
1,1-Dichloroethene	ug/m3	<0.20	<0.20		25	
1,2,4-Trichlorobenzene	ug/m3	<5.8	<5.8		25	
1,2,4-Trimethylbenzene	ug/m3	15.8	15.3	3	25	
1,2-Dibromoethane (EDB)	ug/m3	<0.32	<0.32		25	
1,2-Dichlorobenzene	ug/m3	<1.1	<1.1		25	
1,2-Dichloroethane	ug/m3	<0.20	<0.20		25	
1,2-Dichloropropane	ug/m3	<0.25	<0.25		25	
1,3,5-Trimethylbenzene	ug/m3	5.8	5.2	11	25	
1,3-Butadiene	ug/m3	<0.17	<0.17		25	
1,3-Dichlorobenzene	ug/m3	<1.2	<1.2		25	
1,4-Dichlorobenzene	ug/m3	<1.4	<1.4		25	
2-Butanone (MEK)	ug/m3	<1.3	<1.3		25	
2-Hexanone	ug/m3	<1.1	<1.1		25	
2-Propanol	ug/m3	<1.3	<1.3		25	
4-Ethyltoluene	ug/m3	5.4	5.1	5	25	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.15	<0.15		25	
Acetone	ug/m3	12.2	11.8	3	25	
Benzene	ug/m3	4.6	4.6	0	25	
Benzyl chloride	ug/m3	<2.0	<2.0		25	
Bromodichloromethane	ug/m3	<0.32	<0.32		25	
Bromoform	ug/m3	<1.2	<1.2		25	
Bromomethane	ug/m3	<0.28	<0.28		25	

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QUALITY CONTROL DATA

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539634

SAMPLE DUPLICATE: 3804783

Parameter	Units	10539634002 Result	Dup Result	RPD	Max RPD	Qualifiers
Carbon disulfide	ug/m3	<0.14	<0.14		25	
Carbon tetrachloride	ug/m3	<0.32	<0.32		25	
Chlorobenzene	ug/m3	<0.23	<0.23		25	
Chloroethane	ug/m3	<0.21	<0.21		25	
Chloroform	ug/m3	<0.22	<0.22		25	
Chloromethane	ug/m3	1.1	1.0	4	25	
cis-1,2-Dichloroethene	ug/m3	<0.21	<0.21		25	
cis-1,3-Dichloropropene	ug/m3	<0.23	<0.23		25	
Cyclohexane	ug/m3	15.7	15.8	1	25	
Dibromochloromethane	ug/m3	<0.47	<0.47		25	
Dichlorodifluoromethane	ug/m3	2.6	2.5	3	25	
Dichlorotetrafluoroethane	ug/m3	<0.36	<0.36		25	
Ethanol	ug/m3	4.4	4.2	3	25	
Ethyl acetate	ug/m3	<0.17	<0.17		25	
Ethylbenzene	ug/m3	8.6	8.3	3	25	
Hexachloro-1,3-butadiene	ug/m3	<2.9	<2.9		25	
m&p-Xylene	ug/m3	33.7	32.6	3	25	
Methyl-tert-butyl ether	ug/m3	<0.19	<0.19		25	
Methylene Chloride	ug/m3	<1.9	<1.9		25	
n-Heptane	ug/m3	16.9	16.1	5	25	
n-Hexane	ug/m3	25.0	25.6	2	25	
Naphthalene	ug/m3	<2.8	<2.8		25	
o-Xylene	ug/m3	11.7	11.7	1	25	
Propylene	ug/m3	<0.36	<0.36		25	
Styrene	ug/m3	<0.36	<0.36		25	
Tetrachloroethene	ug/m3	<0.32	<0.32		25	
Tetrahydrofuran	ug/m3	<0.19	<0.19		25	
Toluene	ug/m3	18.3	18.2	1	25	
trans-1,2-Dichloroethene	ug/m3	<0.25	<0.25		25	
trans-1,3-Dichloropropene	ug/m3	<0.26	<0.26		25	
Trichloroethene	ug/m3	<0.28	<0.28		25	
Trichlorofluoromethane	ug/m3	1.4J	1.3J		25	
Vinyl acetate	ug/m3	<0.16	<0.16		25	
Vinyl chloride	ug/m3	<0.13	<0.13		25	

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QUALIFIERS

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539634

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

SAMPLE QUALIFIERS

Sample: 10539634001

[1] Analysis performed at 1800 Elm Street.

Sample: 10539634002

[1] Analysis performed at 1800 Elm Street.

Sample: 10539634003

[1] Analysis performed at 1800 Elm Street.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539634

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10539634001	AS-2-1	TO-15	712455		
10539634002	AS-3-1	TO-15	712455		
10539634003	AS-4-1	TO-15	712455		

REPORT OF LABORATORY ANALYSIS

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AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

41096

Page: 1 of 1

Section A Required Client Information:

Company: **Tetracon**
 Address: **2201 Rowland Ave.**
 Savannah GA 31404
 Email To: **Anthony.Ellison@tetracon.com**
 Phone: **912-412-2662** Fax:
 Requested Due Date/TAT:

Section B Required Project Information:

Report To: **Anthony Ellison**
 Copy To:
 Purchase Order No.:
 Project Name: **Mayo's Point TELM004**
 Project Number: **ES207250**

Section C Invoice Information:

Attention:
 Company Name:
 Address:
 Pace Quote Reference:
 Pace Project Manager/Sales Rep:
 Pace Profile #: **41582**

Program

JST Superfund Emissions Clean Air Act
 Voluntary Clean Up Dry Clean RCRA Other

Reporting Units
 ug/m³ _____ mg/m³ _____
 PPBV _____ PPMV _____
 Other _____

Location of Sampling by State: **GA**

Report Level II. _____ III. _____ IV. _____ Other _____

ITEM #	'Section D Required Client Information AIR SAMPLE ID Sample IDs MUST BE UNIQUE	Valid Media Codes MEDIA Tedlar Bag 1 Liter Summa Can 6 Liter Summa Can Low Volume Puff High Volume Puff Other	PID Reading (Client only)	COLLECTED		Canister Pressure (Initial Field - in Hg)	Canister Pressure (Final Field - in Hg)	Summa Can Number	Flow Control Number	Method:	Pace Lab ID
				COMPOSITE START DATE TIME	COMPOSITE - END/GRAB DATE TIME						
1	AS-2-1		6LC-00	11/16/20 0909	11/16/20 1714	30	5	847		TO-15 Full List VOCs TO-14 TO-3M (Methane) TO-3-BTEX TO-3 Fixed Gas (%) PM10	001
2	AS-3-1		6LC-00	11/16/20 0919	11/16/20 1719	30	5	3445			002
3	AS-4-1		6LC-00	11/16/20 0925	11/16/20 1725	30	5	2704			003
4											
5											
6											
7											
8											
9											
10											
11											
12											

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
			Mark A. Spence	11/18/20	9:45	Temp in °C Received on Ice Custody Sealed Cooler Samples Intact

WO# : 10539634

10539634

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: **Spencer Burr**
 SIGNATURE of SAMPLER: *Spencer Burr*
 DATE Signed (MM/DD/YY): **11/17/20**



Document Name:
Sample Condition Upon Receipt (SCUR) - Air

Document Revised: 24Mar2020

Page 1 of 1

Document No.:
ENV-FRM-MIN4-0113 Rev.

Pace Analytical Services -
Minneapolis

WO# : 10539634
PM: CT1 Due Date: 11/23/20
CLIENT: Terracon-GA

Air Sample Condition Upon Receipt Client Name: Terracon-GA

Project #:

Courier: Fed Ex UPS USPS Client
 Pace Speedee Commercial See Exception

Tracking Number: 1723 2547 4257

Custody Seal on Cooler/Box Present? Yes No Seals Intact? Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Tin Can Other: _____ Temp Blank rec: Yes No

Temp. (TO17 and TO13 samples only) (°C): _____ Corrected Temp (°C): _____ Thermometer Used: G87A9170600254 G87A9155100842

Temp should be above freezing to 6°C Correction Factor: _____ Date & Initials of Person Examining Contents: 11-18-20 mZ

Type of ice Received Blue Wet None

Comments:

Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.
Sampler Name and/or Signature on COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72 hr)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7. <u>3 DAY</u>
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used? (Tedlar bags not acceptable container for TO-14, TO-15 or APH) -Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Containers Intact? (visual inspection/no leaks when pressurized)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Media: <u>Air Can</u> Airbag Filter TDT Passive		11. Individually Certified Cans Y <u>N</u> (list which samples)
Is sufficient information available to reconcile samples to the COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
Do cans need to be pressurized? (DO NOT PRESSURIZE 3C or ASTM 1946!!!)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	13.

Gauge # 10AIR26 10AIR34 10AIR35 4097

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
<u>AS-2</u>	<u>847</u>	<u>1396</u>	<u>-2.5</u>	<u>+5</u>					
<u>AS-3</u>	<u>3445</u>	<u>22</u>	<u>-3</u>	<u>↓</u>					
<u>AS-4</u>	<u>2704</u>	<u>1092</u>	<u>-2</u>	<u>↓</u>					

CLIENT NOTIFICATION/RESOLUTION

Field Data Required? Yes No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: Kirsten Hojberg Date: 11/18/2020

November 23, 2020

Anthony Ellison
Terracon
2201 Rowland Ave
Savannah, GA 314061

RE: Project: E5207250 Mayors Point Terminal
Pace Project No.: 10539633

Dear Anthony Ellison:

Enclosed are the analytical results for sample(s) received by the laboratory on November 18, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Carolynne Trout
carolynne.trout@pacelabs.com
1(612)607-6351
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539633

Pace Analytical Services - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414

1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab

A2LA Certification #: 2926.01*

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009*

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014*

Arkansas DW Certification #: MN00064

Arkansas WW Certification #: 88-0680

California Certification #: 2929

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8+Wyoming DW Certification #: via MN 027-053-137

Florida Certification #: E87605*

Georgia Certification #: 959

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: AI-03086*

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064*

Maryland Certification #: 322

Massachusetts DWP Certification #: via MN 027-053-137

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137*

Minnesota Dept of Ag Certification #: via MN 027-053-137

Minnesota Petrofund Certification #: 1240*

Mississippi Certification #: MN00064

Missouri Certification #: 10100

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081*

New Jersey Certification #: MN002

New York Certification #: 11647*

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507*

Oregon Primary Certification #: MN300001

Oregon Secondary Certification #: MN200001*

Pennsylvania Certification #: 68-00563*

Puerto Rico Certification #: MN00064

South Carolina Certification #:74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192*

Utah Certification #: MN00064*

Vermont Certification #: VT-027053137

Virginia Certification #: 460163*

Washington Certification #: C486*

West Virginia DEP Certification #: 382

West Virginia DW Certification #: 9952 C

Wisconsin Certification #: 999407970

Wyoming UST Certification #: via A2LA 2926.01

USDA Permit #: P330-19-00208

Please Note: Applicable air certifications are denoted with an asterisk ().

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SAMPLE SUMMARY

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539633

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10539633001	AS-2-2	Air	11/17/20 15:32	11/18/20 09:45
10539633002	AS-3-2	Air	11/17/20 10:19	11/18/20 09:45
10539633003	AS-4-2	Air	11/17/20 15:28	11/18/20 09:45

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SAMPLE ANALYTE COUNT

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539633

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10539633001	AS-2-2	TO-15	CH1	61
10539633002	AS-3-2	TO-15	CH1	61
10539633003	AS-4-2	TO-15	CH1	61

PASI-M = Pace Analytical Services - Minneapolis

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539633

Date: November 23, 2020

AS-2-2 (Lab ID: 10539633001)

- Analysis performed at 1800 Elm Street.

AS-3-2 (Lab ID: 10539633002)

- Analysis performed at 1800 Elm Street.

AS-4-2 (Lab ID: 10539633003)

- Analysis performed at 1800 Elm Street.

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539633

Method: TO-15

Description: TO15 MSV AIR

Client: Terracon-GA

Date: November 23, 2020

General Information:

3 samples were analyzed for TO-15 by Pace Analytical Services Minneapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539633

Sample: AS-2-2	Lab ID: 10539633001	Collected: 11/17/20 15:32	Received: 11/18/20 09:45	Matrix: Air				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15 Pace Analytical Services - Minneapolis						
Acetone	7.1J	ug/m3	9.7	1.61		11/20/20 19:05	67-64-1	
Benzene	<0.16	ug/m3	0.52	1.61		11/20/20 19:05	71-43-2	
Benzyl chloride	<2.1	ug/m3	4.2	1.61		11/20/20 19:05	100-44-7	
Bromodichloromethane	<0.35	ug/m3	2.2	1.61		11/20/20 19:05	75-27-4	
Bromoform	<1.3	ug/m3	8.5	1.61		11/20/20 19:05	75-25-2	
Bromomethane	<0.30	ug/m3	1.3	1.61		11/20/20 19:05	74-83-9	
1,3-Butadiene	<0.19	ug/m3	0.72	1.61		11/20/20 19:05	106-99-0	
2-Butanone (MEK)	<1.4	ug/m3	4.8	1.61		11/20/20 19:05	78-93-3	
Carbon disulfide	<0.15	ug/m3	1.0	1.61		11/20/20 19:05	75-15-0	
Carbon tetrachloride	<0.35	ug/m3	2.1	1.61		11/20/20 19:05	56-23-5	
Chlorobenzene	<0.25	ug/m3	1.5	1.61		11/20/20 19:05	108-90-7	
Chloroethane	<0.23	ug/m3	0.86	1.61		11/20/20 19:05	75-00-3	
Chloroform	<0.24	ug/m3	0.80	1.61		11/20/20 19:05	67-66-3	
Chloromethane	1.1	ug/m3	0.68	1.61		11/20/20 19:05	74-87-3	
Cyclohexane	<0.29	ug/m3	2.8	1.61		11/20/20 19:05	110-82-7	
Dibromochloromethane	<0.51	ug/m3	2.8	1.61		11/20/20 19:05	124-48-1	
1,2-Dibromoethane (EDB)	<0.35	ug/m3	1.3	1.61		11/20/20 19:05	106-93-4	
1,2-Dichlorobenzene	<1.2	ug/m3	2.0	1.61		11/20/20 19:05	95-50-1	
1,3-Dichlorobenzene	<1.3	ug/m3	2.0	1.61		11/20/20 19:05	541-73-1	
1,4-Dichlorobenzene	<1.6	ug/m3	4.9	1.61		11/20/20 19:05	106-46-7	
Dichlorodifluoromethane	3.1	ug/m3	1.6	1.61		11/20/20 19:05	75-71-8	
1,1-Dichloroethane	<0.21	ug/m3	1.3	1.61		11/20/20 19:05	75-34-3	
1,2-Dichloroethane	<0.21	ug/m3	0.66	1.61		11/20/20 19:05	107-06-2	
1,1-Dichloroethene	<0.21	ug/m3	1.3	1.61		11/20/20 19:05	75-35-4	
cis-1,2-Dichloroethene	<0.23	ug/m3	1.3	1.61		11/20/20 19:05	156-59-2	
trans-1,2-Dichloroethene	<0.27	ug/m3	1.3	1.61		11/20/20 19:05	156-60-5	
1,2-Dichloropropane	<0.27	ug/m3	1.5	1.61		11/20/20 19:05	78-87-5	
cis-1,3-Dichloropropene	<0.24	ug/m3	1.5	1.61		11/20/20 19:05	10061-01-5	
trans-1,3-Dichloropropene	<0.28	ug/m3	1.5	1.61		11/20/20 19:05	10061-02-6	
Dichlorotetrafluoroethane	<0.39	ug/m3	2.3	1.61		11/20/20 19:05	76-14-2	
Ethanol	3.6	ug/m3	3.1	1.61		11/20/20 19:05	64-17-5	
Ethyl acetate	<0.18	ug/m3	1.2	1.61		11/20/20 19:05	141-78-6	
Ethylbenzene	4.4	ug/m3	1.4	1.61		11/20/20 19:05	100-41-4	
4-Ethyltoluene	<0.35	ug/m3	4.0	1.61		11/20/20 19:05	622-96-8	
n-Heptane	5.0	ug/m3	1.3	1.61		11/20/20 19:05	142-82-5	
Hexachloro-1,3-butadiene	<3.1	ug/m3	8.7	1.61		11/20/20 19:05	87-68-3	
n-Hexane	8.6	ug/m3	1.2	1.61		11/20/20 19:05	110-54-3	
2-Hexanone	<1.1	ug/m3	6.7	1.61		11/20/20 19:05	591-78-6	
Methylene Chloride	<2.0	ug/m3	5.7	1.61		11/20/20 19:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.16	ug/m3	6.7	1.61		11/20/20 19:05	108-10-1	
Methyl-tert-butyl ether	<0.21	ug/m3	5.9	1.61		11/20/20 19:05	1634-04-4	
Naphthalene	<3.0	ug/m3	4.3	1.61		11/20/20 19:05	91-20-3	
2-Propanol	<1.4	ug/m3	4.0	1.61		11/20/20 19:05	67-63-0	
Propylene	<0.39	ug/m3	0.56	1.61		11/20/20 19:05	115-07-1	
Styrene	<0.39	ug/m3	1.4	1.61		11/20/20 19:05	100-42-5	
1,1,2,2-Tetrachloroethane	<0.34	ug/m3	2.2	1.61		11/20/20 19:05	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539633

Sample: AS-2-2		Lab ID: 10539633001	Collected: 11/17/20 15:32	Received: 11/18/20 09:45	Matrix: Air			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15 Pace Analytical Services - Minneapolis						
Tetrachloroethene	<0.35	ug/m3	1.1	1.61		11/20/20 19:05	127-18-4	
Tetrahydrofuran	<0.21	ug/m3	0.97	1.61		11/20/20 19:05	109-99-9	
Toluene	11.3	ug/m3	1.2	1.61		11/20/20 19:05	108-88-3	
1,2,4-Trichlorobenzene	<6.3	ug/m3	12.1	1.61		11/20/20 19:05	120-82-1	
1,1,1-Trichloroethane	<0.31	ug/m3	1.8	1.61		11/20/20 19:05	71-55-6	
1,1,2-Trichloroethane	<0.25	ug/m3	0.89	1.61		11/20/20 19:05	79-00-5	
Trichloroethene	<0.31	ug/m3	0.88	1.61		11/20/20 19:05	79-01-6	
Trichlorofluoromethane	<0.38	ug/m3	1.8	1.61		11/20/20 19:05	75-69-4	
1,1,2-Trichlorotrifluoroethane	<0.38	ug/m3	2.5	1.61		11/20/20 19:05	76-13-1	
1,2,4-Trimethylbenzene	6.9	ug/m3	1.6	1.61		11/20/20 19:05	95-63-6	
1,3,5-Trimethylbenzene	3.1	ug/m3	1.6	1.61		11/20/20 19:05	108-67-8	
Vinyl acetate	<0.18	ug/m3	1.2	1.61		11/20/20 19:05	108-05-4	
Vinyl chloride	<0.14	ug/m3	0.42	1.61		11/20/20 19:05	75-01-4	
m&p-Xylene	15.6	ug/m3	2.8	1.61		11/20/20 19:05	179601-23-1	
o-Xylene	5.0	ug/m3	1.4	1.61		11/20/20 19:05	95-47-6	

Sample: AS-3-2		Lab ID: 10539633002	Collected: 11/17/20 10:19	Received: 11/18/20 09:45	Matrix: Air			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15 Pace Analytical Services - Minneapolis						
Acetone	105	ug/m3	7.9	1.3		11/20/20 19:35	67-64-1	
Benzene	3.4	ug/m3	0.42	1.3		11/20/20 19:35	71-43-2	
Benzyl chloride	<1.7	ug/m3	3.4	1.3		11/20/20 19:35	100-44-7	
Bromodichloromethane	<0.28	ug/m3	1.8	1.3		11/20/20 19:35	75-27-4	
Bromoform	<1.0	ug/m3	6.8	1.3		11/20/20 19:35	75-25-2	
Bromomethane	<0.24	ug/m3	1.0	1.3		11/20/20 19:35	74-83-9	
1,3-Butadiene	<0.15	ug/m3	0.58	1.3		11/20/20 19:35	106-99-0	
2-Butanone (MEK)	30.6	ug/m3	3.9	1.3		11/20/20 19:35	78-93-3	
Carbon disulfide	<0.12	ug/m3	0.82	1.3		11/20/20 19:35	75-15-0	
Carbon tetrachloride	0.48J	ug/m3	1.7	1.3		11/20/20 19:35	56-23-5	
Chlorobenzene	<0.20	ug/m3	1.2	1.3		11/20/20 19:35	108-90-7	
Chloroethane	<0.19	ug/m3	0.70	1.3		11/20/20 19:35	75-00-3	
Chloroform	<0.20	ug/m3	0.64	1.3		11/20/20 19:35	67-66-3	
Chloromethane	<0.10	ug/m3	0.55	1.3		11/20/20 19:35	74-87-3	
Cyclohexane	9.0	ug/m3	2.3	1.3		11/20/20 19:35	110-82-7	
Dibromochloromethane	<0.41	ug/m3	2.2	1.3		11/20/20 19:35	124-48-1	
1,2-Dibromoethane (EDB)	<0.28	ug/m3	1.0	1.3		11/20/20 19:35	106-93-4	
1,2-Dichlorobenzene	<0.95	ug/m3	1.6	1.3		11/20/20 19:35	95-50-1	
1,3-Dichlorobenzene	<1.1	ug/m3	1.6	1.3		11/20/20 19:35	541-73-1	
1,4-Dichlorobenzene	<1.3	ug/m3	4.0	1.3		11/20/20 19:35	106-46-7	
Dichlorodifluoromethane	3.1	ug/m3	1.3	1.3		11/20/20 19:35	75-71-8	
1,1-Dichloroethane	<0.17	ug/m3	1.1	1.3		11/20/20 19:35	75-34-3	
1,2-Dichloroethane	<0.17	ug/m3	0.53	1.3		11/20/20 19:35	107-06-2	

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ANALYTICAL RESULTS

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539633

Sample: AS-3-2	Lab ID: 10539633002	Collected: 11/17/20 10:19	Received: 11/18/20 09:45	Matrix: Air				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15						
		Pace Analytical Services - Minneapolis						
1,1-Dichloroethene	<0.17	ug/m3	1.0	1.3		11/20/20 19:35	75-35-4	
cis-1,2-Dichloroethene	<0.18	ug/m3	1.0	1.3		11/20/20 19:35	156-59-2	
trans-1,2-Dichloroethene	<0.22	ug/m3	1.0	1.3		11/20/20 19:35	156-60-5	
1,2-Dichloropropane	<0.22	ug/m3	1.2	1.3		11/20/20 19:35	78-87-5	
cis-1,3-Dichloropropene	<0.20	ug/m3	1.2	1.3		11/20/20 19:35	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/m3	1.2	1.3		11/20/20 19:35	10061-02-6	
Dichlorotetrafluoroethane	<0.31	ug/m3	1.8	1.3		11/20/20 19:35	76-14-2	
Ethanol	325	ug/m3	2.5	1.3		11/20/20 19:35	64-17-5	
Ethyl acetate	232	ug/m3	25.5	34.8		11/22/20 13:44	141-78-6	
Ethylbenzene	3.7	ug/m3	1.1	1.3		11/20/20 19:35	100-41-4	
4-Ethyltoluene	<0.28	ug/m3	3.2	1.3		11/20/20 19:35	622-96-8	
n-Heptane	9.8	ug/m3	1.1	1.3		11/20/20 19:35	142-82-5	
Hexachloro-1,3-butadiene	<2.5	ug/m3	7.0	1.3		11/20/20 19:35	87-68-3	
n-Hexane	14.5	ug/m3	0.93	1.3		11/20/20 19:35	110-54-3	
2-Hexanone	<0.92	ug/m3	5.4	1.3		11/20/20 19:35	591-78-6	
Methylene Chloride	5.6	ug/m3	4.6	1.3		11/20/20 19:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	3.9J	ug/m3	5.4	1.3		11/20/20 19:35	108-10-1	
Methyl-tert-butyl ether	<0.17	ug/m3	4.8	1.3		11/20/20 19:35	1634-04-4	
Naphthalene	<2.4	ug/m3	3.5	1.3		11/20/20 19:35	91-20-3	
2-Propanol	123	ug/m3	3.2	1.3		11/20/20 19:35	67-63-0	
Propylene	<0.31	ug/m3	0.46	1.3		11/20/20 19:35	115-07-1	
Styrene	4.9	ug/m3	1.1	1.3		11/20/20 19:35	100-42-5	
1,1,2,2-Tetrachloroethane	<0.28	ug/m3	1.8	1.3		11/20/20 19:35	79-34-5	
Tetrachloroethene	4.1	ug/m3	0.90	1.3		11/20/20 19:35	127-18-4	
Tetrahydrofuran	7.7	ug/m3	0.78	1.3		11/20/20 19:35	109-99-9	
Toluene	152	ug/m3	1.0	1.3		11/20/20 19:35	108-88-3	
1,2,4-Trichlorobenzene	<5.1	ug/m3	9.8	1.3		11/20/20 19:35	120-82-1	
1,1,1-Trichloroethane	<0.25	ug/m3	1.4	1.3		11/20/20 19:35	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/m3	0.72	1.3		11/20/20 19:35	79-00-5	
Trichloroethene	<0.25	ug/m3	0.71	1.3		11/20/20 19:35	79-01-6	
Trichlorofluoromethane	2.6	ug/m3	1.5	1.3		11/20/20 19:35	75-69-4	
1,1,2-Trichlorotrifluoroethane	<0.30	ug/m3	2.0	1.3		11/20/20 19:35	76-13-1	
1,2,4-Trimethylbenzene	3.1	ug/m3	1.3	1.3		11/20/20 19:35	95-63-6	
1,3,5-Trimethylbenzene	<0.27	ug/m3	1.3	1.3		11/20/20 19:35	108-67-8	
Vinyl acetate	<0.14	ug/m3	0.93	1.3		11/20/20 19:35	108-05-4	
Vinyl chloride	<0.11	ug/m3	0.34	1.3		11/20/20 19:35	75-01-4	
m&p-Xylene	11.3	ug/m3	2.3	1.3		11/20/20 19:35	179601-23-1	
o-Xylene	4.3	ug/m3	1.1	1.3		11/20/20 19:35	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539633

Sample: AS-4-2	Lab ID: 10539633003	Collected: 11/17/20 15:28	Received: 11/18/20 09:45	Matrix: Air				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15 Pace Analytical Services - Minneapolis						
Acetone	28.1	ug/m3	9.9	1.64		11/20/20 20:04	67-64-1	
Benzene	1.2	ug/m3	0.53	1.64		11/20/20 20:04	71-43-2	
Benzyl chloride	<2.2	ug/m3	4.3	1.64		11/20/20 20:04	100-44-7	
Bromodichloromethane	<0.35	ug/m3	2.2	1.64		11/20/20 20:04	75-27-4	
Bromoform	<1.3	ug/m3	8.6	1.64		11/20/20 20:04	75-25-2	
Bromomethane	<0.31	ug/m3	1.3	1.64		11/20/20 20:04	74-83-9	
1,3-Butadiene	<0.19	ug/m3	0.74	1.64		11/20/20 20:04	106-99-0	
2-Butanone (MEK)	4.9J	ug/m3	4.9	1.64		11/20/20 20:04	78-93-3	
Carbon disulfide	<0.15	ug/m3	1.0	1.64		11/20/20 20:04	75-15-0	
Carbon tetrachloride	<0.36	ug/m3	2.1	1.64		11/20/20 20:04	56-23-5	
Chlorobenzene	<0.25	ug/m3	1.5	1.64		11/20/20 20:04	108-90-7	
Chloroethane	<0.24	ug/m3	0.88	1.64		11/20/20 20:04	75-00-3	
Chloroform	<0.25	ug/m3	0.81	1.64		11/20/20 20:04	67-66-3	
Chloromethane	<0.13	ug/m3	0.69	1.64		11/20/20 20:04	74-87-3	
Cyclohexane	12.5	ug/m3	2.9	1.64		11/20/20 20:04	110-82-7	
Dibromochloromethane	<0.52	ug/m3	2.8	1.64		11/20/20 20:04	124-48-1	
1,2-Dibromoethane (EDB)	<0.36	ug/m3	1.3	1.64		11/20/20 20:04	106-93-4	
1,2-Dichlorobenzene	<1.2	ug/m3	2.0	1.64		11/20/20 20:04	95-50-1	
1,3-Dichlorobenzene	2.4	ug/m3	2.0	1.64		11/20/20 20:04	541-73-1	
1,4-Dichlorobenzene	<1.6	ug/m3	5.0	1.64		11/20/20 20:04	106-46-7	
Dichlorodifluoromethane	3.0	ug/m3	1.7	1.64		11/20/20 20:04	75-71-8	
1,1-Dichloroethane	<0.21	ug/m3	1.3	1.64		11/20/20 20:04	75-34-3	
1,2-Dichloroethane	<0.21	ug/m3	0.67	1.64		11/20/20 20:04	107-06-2	
1,1-Dichloroethene	<0.22	ug/m3	1.3	1.64		11/20/20 20:04	75-35-4	
cis-1,2-Dichloroethene	<0.23	ug/m3	1.3	1.64		11/20/20 20:04	156-59-2	
trans-1,2-Dichloroethene	<0.28	ug/m3	1.3	1.64		11/20/20 20:04	156-60-5	
1,2-Dichloropropane	<0.28	ug/m3	1.5	1.64		11/20/20 20:04	78-87-5	
cis-1,3-Dichloropropene	<0.25	ug/m3	1.5	1.64		11/20/20 20:04	10061-01-5	
trans-1,3-Dichloropropene	<0.29	ug/m3	1.5	1.64		11/20/20 20:04	10061-02-6	
Dichlorotetrafluoroethane	<0.40	ug/m3	2.3	1.64		11/20/20 20:04	76-14-2	
Ethanol	25.2	ug/m3	3.1	1.64		11/20/20 20:04	64-17-5	
Ethyl acetate	<0.18	ug/m3	1.2	1.64		11/20/20 20:04	141-78-6	
Ethylbenzene	2.0	ug/m3	1.4	1.64		11/20/20 20:04	100-41-4	
4-Ethyltoluene	1.5J	ug/m3	4.1	1.64		11/20/20 20:04	622-96-8	
n-Heptane	5.1	ug/m3	1.4	1.64		11/20/20 20:04	142-82-5	
Hexachloro-1,3-butadiene	<3.2	ug/m3	8.9	1.64		11/20/20 20:04	87-68-3	
n-Hexane	18.8	ug/m3	1.2	1.64		11/20/20 20:04	110-54-3	
2-Hexanone	<1.2	ug/m3	6.8	1.64		11/20/20 20:04	591-78-6	
Methylene Chloride	<2.1	ug/m3	5.8	1.64		11/20/20 20:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.17	ug/m3	6.8	1.64		11/20/20 20:04	108-10-1	
Methyl-tert-butyl ether	<0.21	ug/m3	6.0	1.64		11/20/20 20:04	1634-04-4	
Naphthalene	<3.1	ug/m3	4.4	1.64		11/20/20 20:04	91-20-3	
2-Propanol	9.3	ug/m3	4.1	1.64		11/20/20 20:04	67-63-0	
Propylene	<0.40	ug/m3	0.57	1.64		11/20/20 20:04	115-07-1	
Styrene	<0.40	ug/m3	1.4	1.64		11/20/20 20:04	100-42-5	
1,1,2,2-Tetrachloroethane	<0.35	ug/m3	2.3	1.64		11/20/20 20:04	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539633

Sample: AS-4-2	Lab ID: 10539633003	Collected: 11/17/20 15:28	Received: 11/18/20 09:45	Matrix: Air				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15						
		Pace Analytical Services - Minneapolis						
Tetrachloroethene	<0.36	ug/m3	1.1	1.64		11/20/20 20:04	127-18-4	
Tetrahydrofuran	<0.21	ug/m3	0.98	1.64		11/20/20 20:04	109-99-9	
Toluene	1.8	ug/m3	1.3	1.64		11/20/20 20:04	108-88-3	
1,2,4-Trichlorobenzene	<6.4	ug/m3	12.4	1.64		11/20/20 20:04	120-82-1	
1,1,1-Trichloroethane	<0.31	ug/m3	1.8	1.64		11/20/20 20:04	71-55-6	
1,1,2-Trichloroethane	<0.26	ug/m3	0.91	1.64		11/20/20 20:04	79-00-5	
Trichloroethene	<0.31	ug/m3	0.90	1.64		11/20/20 20:04	79-01-6	
Trichlorofluoromethane	<0.39	ug/m3	1.9	1.64		11/20/20 20:04	75-69-4	
1,1,2-Trichlorotrifluoroethane	0.98J	ug/m3	2.6	1.64		11/20/20 20:04	76-13-1	
1,2,4-Trimethylbenzene	3.4	ug/m3	1.6	1.64		11/20/20 20:04	95-63-6	
1,3,5-Trimethylbenzene	1.5J	ug/m3	1.6	1.64		11/20/20 20:04	108-67-8	
Vinyl acetate	<0.18	ug/m3	1.2	1.64		11/20/20 20:04	108-05-4	
Vinyl chloride	<0.14	ug/m3	0.43	1.64		11/20/20 20:04	75-01-4	
m&p-Xylene	5.5	ug/m3	2.9	1.64		11/20/20 20:04	179601-23-1	
o-Xylene	1.3J	ug/m3	1.4	1.64		11/20/20 20:04	95-47-6	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539633

QC Batch: 712304

Analysis Method: TO-15

QC Batch Method: TO-15

Analysis Description: TO15 MSV AIR Low Level

Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10539633001, 10539633002, 10539633003

METHOD BLANK: 3803356

Matrix: Air

Associated Lab Samples: 10539633001, 10539633002, 10539633003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.096	0.56	11/20/20 09:55	
1,1,2,2-Tetrachloroethane	ug/m3	<0.11	0.70	11/20/20 09:55	MN
1,1,2-Trichloroethane	ug/m3	<0.078	0.28	11/20/20 09:55	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.12	0.78	11/20/20 09:55	
1,1-Dichloroethane	ug/m3	<0.064	0.41	11/20/20 09:55	
1,1-Dichloroethene	ug/m3	<0.066	0.40	11/20/20 09:55	
1,2,4-Trichlorobenzene	ug/m3	<2.0	3.8	11/20/20 09:55	
1,2,4-Trimethylbenzene	ug/m3	<0.068	0.50	11/20/20 09:55	
1,2-Dibromoethane (EDB)	ug/m3	<0.11	0.39	11/20/20 09:55	
1,2-Dichlorobenzene	ug/m3	<0.36	0.61	11/20/20 09:55	
1,2-Dichloroethane	ug/m3	<0.066	0.21	11/20/20 09:55	
1,2-Dichloropropane	ug/m3	<0.084	0.47	11/20/20 09:55	
1,3,5-Trimethylbenzene	ug/m3	<0.10	0.50	11/20/20 09:55	
1,3-Butadiene	ug/m3	<0.058	0.22	11/20/20 09:55	
1,3-Dichlorobenzene	ug/m3	<0.42	0.61	11/20/20 09:55	
1,4-Dichlorobenzene	ug/m3	<0.48	1.5	11/20/20 09:55	
2-Butanone (MEK)	ug/m3	<0.44	1.5	11/20/20 09:55	
2-Hexanone	ug/m3	<0.36	2.1	11/20/20 09:55	
2-Propanol	ug/m3	<0.43	1.2	11/20/20 09:55	
4-Ethyltoluene	ug/m3	<0.11	1.2	11/20/20 09:55	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.051	2.1	11/20/20 09:55	
Acetone	ug/m3	<1.1	3.0	11/20/20 09:55	
Benzene	ug/m3	<0.049	0.16	11/20/20 09:55	
Benzyl chloride	ug/m3	<0.66	1.3	11/20/20 09:55	
Bromodichloromethane	ug/m3	<0.11	0.68	11/20/20 09:55	
Bromoform	ug/m3	<0.40	2.6	11/20/20 09:55	
Bromomethane	ug/m3	<0.094	0.39	11/20/20 09:55	
Carbon disulfide	ug/m3	<0.047	0.32	11/20/20 09:55	
Carbon tetrachloride	ug/m3	<0.11	0.64	11/20/20 09:55	
Chlorobenzene	ug/m3	<0.076	0.47	11/20/20 09:55	
Chloroethane	ug/m3	<0.072	0.27	11/20/20 09:55	
Chloroform	ug/m3	<0.075	0.25	11/20/20 09:55	
Chloromethane	ug/m3	<0.040	0.21	11/20/20 09:55	
cis-1,2-Dichloroethene	ug/m3	<0.070	0.40	11/20/20 09:55	
cis-1,3-Dichloropropene	ug/m3	<0.076	0.46	11/20/20 09:55	
Cyclohexane	ug/m3	<0.092	0.88	11/20/20 09:55	
Dibromochloromethane	ug/m3	<0.16	0.86	11/20/20 09:55	
Dichlorodifluoromethane	ug/m3	<0.27	0.50	11/20/20 09:55	
Dichlorotetrafluoroethane	ug/m3	<0.12	0.71	11/20/20 09:55	
Ethanol	ug/m3	<0.28	0.96	11/20/20 09:55	

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QUALITY CONTROL DATA

Project: E5207250 Mayors Point Terminal
Pace Project No.: 10539633

METHOD BLANK: 3803356 Matrix: Air
Associated Lab Samples: 10539633001, 10539633002, 10539633003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethyl acetate	ug/m3	<0.056	0.37	11/20/20 09:55	
Ethylbenzene	ug/m3	<0.074	0.44	11/20/20 09:55	
Hexachloro-1,3-butadiene	ug/m3	<0.97	2.7	11/20/20 09:55	
m&p-Xylene	ug/m3	<0.19	0.88	11/20/20 09:55	
Methyl-tert-butyl ether	ug/m3	<0.065	1.8	11/20/20 09:55	
Methylene Chloride	ug/m3	<0.63	1.8	11/20/20 09:55	
n-Heptane	ug/m3	<0.076	0.42	11/20/20 09:55	
n-Hexane	ug/m3	<0.11	0.36	11/20/20 09:55	
Naphthalene	ug/m3	<0.94	1.3	11/20/20 09:55	
o-Xylene	ug/m3	<0.071	0.44	11/20/20 09:55	
Propylene	ug/m3	<0.12	0.18	11/20/20 09:55	
Styrene	ug/m3	<0.12	0.43	11/20/20 09:55	
Tetrachloroethene	ug/m3	<0.11	0.34	11/20/20 09:55	
Tetrahydrofuran	ug/m3	<0.064	0.30	11/20/20 09:55	
Toluene	ug/m3	<0.056	0.38	11/20/20 09:55	
trans-1,2-Dichloroethene	ug/m3	<0.085	0.40	11/20/20 09:55	
trans-1,3-Dichloropropene	ug/m3	<0.087	0.46	11/20/20 09:55	
Trichloroethene	ug/m3	<0.096	0.27	11/20/20 09:55	
Trichlorofluoromethane	ug/m3	<0.12	0.57	11/20/20 09:55	
Vinyl acetate	ug/m3	<0.054	0.36	11/20/20 09:55	
Vinyl chloride	ug/m3	<0.043	0.13	11/20/20 09:55	

LABORATORY CONTROL SAMPLE: 3803357

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	57	64.7	113	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	71.9	80.3	112	70-132	
1,1,2-Trichloroethane	ug/m3	57.3	73.3	128	70-133	
1,1,2-Trichlorotrifluoroethane	ug/m3	80.3	90.6	113	70-130	
1,1-Dichloroethane	ug/m3	42.7	51.3	120	70-130	
1,1-Dichloroethene	ug/m3	41.4	45.9	111	69-137	
1,2,4-Trichlorobenzene	ug/m3	156	154	99	70-130	
1,2,4-Trimethylbenzene	ug/m3	51.5	57.2	111	70-137	
1,2-Dibromoethane (EDB)	ug/m3	80.3	99.8	124	70-138	
1,2-Dichlorobenzene	ug/m3	63.1	66.8	106	70-136	
1,2-Dichloroethane	ug/m3	42.4	49.7	117	70-130	
1,2-Dichloropropane	ug/m3	48.6	60.1	124	70-132	
1,3,5-Trimethylbenzene	ug/m3	51.6	57.4	111	70-136	
1,3-Butadiene	ug/m3	23.3	28.0	120	67-139	
1,3-Dichlorobenzene	ug/m3	63.4	68.3	108	70-138	
1,4-Dichlorobenzene	ug/m3	63.4	67.0	106	70-145	
2-Butanone (MEK)	ug/m3	31.4	39.3	125	61-130	
2-Hexanone	ug/m3	42.8	46.3	108	70-138	
2-Propanol	ug/m3	119	125	105	70-136	

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QUALITY CONTROL DATA

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539633

LABORATORY CONTROL SAMPLE: 3803357

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Ethyltoluene	ug/m3	52.4	57.9	111	70-142	
4-Methyl-2-pentanone (MIBK)	ug/m3	43.6	48.6	111	70-134	
Acetone	ug/m3	126	127	100	59-137	
Benzene	ug/m3	33.5	39.2	117	70-133	
Benzyl chloride	ug/m3	55.1	56.5	103	70-139	
Bromodichloromethane	ug/m3	71.5	85.4	119	70-130	
Bromoform	ug/m3	110	134	122	60-140	
Bromomethane	ug/m3	41.3	42.3	103	70-131	
Carbon disulfide	ug/m3	33.3	40.4	121	70-130	
Carbon tetrachloride	ug/m3	66.2	75.8	114	70-133	
Chlorobenzene	ug/m3	48.3	56.0	116	70-131	
Chloroethane	ug/m3	28.1	33.5	119	70-141	
Chloroform	ug/m3	51.1	59.2	116	70-130	
Chloromethane	ug/m3	21.9	24.0	109	64-137	
cis-1,2-Dichloroethene	ug/m3	41.6	54.0	130	70-132	
cis-1,3-Dichloropropene	ug/m3	47.7	53.8	113	70-138	
Cyclohexane	ug/m3	36.7	41.0	112	70-133	
Dibromochloromethane	ug/m3	90.7	106	117	70-139	
Dichlorodifluoromethane	ug/m3	51.6	58.9	114	70-130	
Dichlorotetrafluoroethane	ug/m3	72.7	78.7	108	65-133	
Ethanol	ug/m3	103	104	101	65-135	
Ethyl acetate	ug/m3	38.6	49.0	127	70-135	
Ethylbenzene	ug/m3	45.6	51.2	112	70-142	
Hexachloro-1,3-butadiene	ug/m3	112	118	105	70-134	
m&p-Xylene	ug/m3	91.2	101	110	70-141	
Methyl-tert-butyl ether	ug/m3	38.4	47.2	123	70-131	
Methylene Chloride	ug/m3	182	210	115	69-130	
n-Heptane	ug/m3	43.6	49.7	114	70-130	
n-Hexane	ug/m3	37.6	44.6	119	70-131	
Naphthalene	ug/m3	57.7	56.8	98	63-130	
o-Xylene	ug/m3	45.5	50.7	111	70-135	
Propylene	ug/m3	18.2	20.3	112	63-139	
Styrene	ug/m3	44.9	49.8	111	70-143	
Tetrachloroethene	ug/m3	71	81.8	115	70-136	
Tetrahydrofuran	ug/m3	31.5	36.4	116	70-137	
Toluene	ug/m3	39.5	48.0	121	70-136	
trans-1,2-Dichloroethene	ug/m3	42.2	48.2	114	70-132	
trans-1,3-Dichloropropene	ug/m3	47.7	52.6	110	70-139	
Trichloroethene	ug/m3	56.3	63.5	113	70-132	
Trichlorofluoromethane	ug/m3	59.7	61.2	103	65-136	
Vinyl acetate	ug/m3	34.5	44.0	127	66-140	
Vinyl chloride	ug/m3	26.7	31.0	116	68-141	

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QUALITY CONTROL DATA

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539633

SAMPLE DUPLICATE: 3804194

Parameter	Units	30391943001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	ND	<0.30		25	
1,1,2,2-Tetrachloroethane	ug/m3	ND	<0.33		25	
1,1,2-Trichloroethane	ug/m3	ND	<0.24		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	ND	1.7J		25	
1,1-Dichloroethane	ug/m3	ND	<0.20		25	
1,1-Dichloroethene	ug/m3	ND	<0.21		25	
1,2,4-Trichlorobenzene	ug/m3	ND	<6.0		25	
1,2,4-Trimethylbenzene	ug/m3	ND	0.90J		25	
1,2-Dibromoethane (EDB)	ug/m3	ND	<0.34		25	
1,2-Dichlorobenzene	ug/m3	ND	<1.1		25	
1,2-Dichloroethane	ug/m3	ND	<0.20		25	
1,2-Dichloropropane	ug/m3	ND	<0.26		25	
1,3,5-Trimethylbenzene	ug/m3	ND	<0.32		25	
1,3-Butadiene	ug/m3	ND	<0.18		25	
1,3-Dichlorobenzene	ug/m3	4.4	4.4	1	25	
1,4-Dichlorobenzene	ug/m3	ND	<1.5		25	
2-Butanone (MEK)	ug/m3	5.9	5.2	13	25	
2-Hexanone	ug/m3	ND	<1.1		25	
2-Propanol	ug/m3	19.9	20.1	1	25	
4-Ethyltoluene	ug/m3	ND	<0.34		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	ND	<0.16		25	
Acetone	ug/m3	30.6	31.6	3	25	
Benzene	ug/m3	ND	<0.15		25	
Benzyl chloride	ug/m3	ND	<2.0		25	
Bromodichloromethane	ug/m3	ND	<0.33		25	
Bromoform	ug/m3	ND	<1.2		25	
Bromomethane	ug/m3	ND	<0.29		25	
Carbon disulfide	ug/m3	ND	<0.15		25	
Carbon tetrachloride	ug/m3	4.3	4.3	0	25	
Chlorobenzene	ug/m3	ND	<0.24		25	
Chloroethane	ug/m3	ND	<0.22		25	
Chloroform	ug/m3	ND	<0.23		25	
Chloromethane	ug/m3	ND	<0.12		25	
cis-1,2-Dichloroethene	ug/m3	ND	<0.22		25	
cis-1,3-Dichloropropene	ug/m3	ND	<0.24		25	
Cyclohexane	ug/m3	11.4	11.5	1	25	
Dibromochloromethane	ug/m3	ND	<0.49		25	
Dichlorodifluoromethane	ug/m3	2.9	3.0	1	25	
Dichlorotetrafluoroethane	ug/m3	ND	<0.38		25	
Ethanol	ug/m3	89.8	88.3	2	25	
Ethyl acetate	ug/m3	ND	<0.17		25	
Ethylbenzene	ug/m3	ND	<0.23		25	
Hexachloro-1,3-butadiene	ug/m3	ND	<3.0		25	
m&p-Xylene	ug/m3	4.0	4.0	1	25	
Methyl-tert-butyl ether	ug/m3	ND	<0.20		25	
Methylene Chloride	ug/m3	ND	3.3J		25	
n-Heptane	ug/m3	1.7	1.7	2	25	

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QUALITY CONTROL DATA

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539633

SAMPLE DUPLICATE: 3804194

Parameter	Units	30391943001 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	1.6	1.9	15	25	
Naphthalene	ug/m3	ND	<2.9		25	
o-Xylene	ug/m3	1.5	1.6	9	25	
Propylene	ug/m3	ND	<0.37		25	
Styrene	ug/m3	ND	<0.37		25	
Tetrachloroethene	ug/m3	ND	<0.34		25	
Tetrahydrofuran	ug/m3	ND	<0.20		25	
Toluene	ug/m3	14.7	15.7	6	25	
trans-1,2-Dichloroethene	ug/m3	ND	<0.26		25	
trans-1,3-Dichloropropene	ug/m3	ND	<0.27		25	
Trichloroethene	ug/m3	ND	<0.30		25	
Trichlorofluoromethane	ug/m3	ND	1.8		25	
Vinyl acetate	ug/m3	ND	<0.17		25	
Vinyl chloride	ug/m3	ND	<0.13		25	

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QUALIFIERS

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539633

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

SAMPLE QUALIFIERS

Sample: 10539633001

[1] Analysis performed at 1800 Elm Street.

Sample: 10539633002

[1] Analysis performed at 1800 Elm Street.

Sample: 10539633003

[1] Analysis performed at 1800 Elm Street.

ANALYTE QUALIFIERS

MN The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: E5207250 Mayors Point Terminal

Pace Project No.: 10539633

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10539633001	AS-2-2	TO-15	712304		
10539633002	AS-3-2	TO-15	712304		
10539633003	AS-4-2	TO-15	712304		

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AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

41095

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:												
Company: TERRACON	Report To: Anthony Ellison	Attention:	Program													
Address: 2201 Rowland Ave	Copy To:	Company Name:	<input type="checkbox"/> UST	<input type="checkbox"/> Superfund	<input type="checkbox"/> Emissions											
Savannah GA, 31406	Purchase Order No.:	Address:	<input type="checkbox"/> Voluntary Clean Up	<input type="checkbox"/> Dry Clean	<input type="checkbox"/> RCRA											
Email To: anthony.ellison@terracon.com	Project Name: MARSH'S POINT TERMINAL	Pace Quote Reference:	Clean Air Act													
Phone: 912-412-6662	Project Number: ES207250	Pace Project Manager/Sales Rep.	Other													
Requested Due Date/TAT:	Pace Profile #: 11584	Location of Sampling by State: GA	Reporting Units													
		Report Level: II	ug/m ³ <input type="checkbox"/> mg/m ³ <input type="checkbox"/> PPBV <input type="checkbox"/> PPMV <input type="checkbox"/> Other <input type="checkbox"/>													
Section D Required Client Information		COLLECTED		ACCEPTED BY / AFFILIATION		RELINQUISHED BY / AFFILIATION		DATE		TIME		SAMPLE CONDITIONS				
ITEM #	AIR SAMPLE ID	MEDIA CODE	PID Reading (Client only)	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	Temp in °C	Received on Ice	Custody	Sealed Cooler	Samples Intact
1	A5-2-2	6LC	6LC	11/17/20	0820	11/17/20	1532	Next Place	11/18/20	9:45						
2	A5-3-2	6LC	6LC	11/17/20	0825	11/17/20	1019									
3	A5-4-2	6LC	6LC	11/17/20	0833	11/17/20	1528									
4																
5																
6																
7																
8																
9																
10																
11																
12																

WO#: 10539633

10539633

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: **Spencer Burr**
 SIGNATURE of SAMPLER: *Spencer Burr*
 DATE Signed (MM/DD/YY): **11/17/2020**



Document Name: Sample Condition Upon Receipt (SCUR) - Air

Document Revised: 24Mar2020

Page 1 of 1

Document No.: ENV-FRM-MIN4-0113 Rev.00

Pace Analytical Services - Minneapolis

Air Sample Condition Upon Receipt

Client Name: Terracon-GA

Project #: WO#: 10539633
PM: CT1 Due Date: 11/23/20
CLIENT: Terracon-GA

Courier: [X] Fed Ex [] UPS [] USPS [] Client [] Pace [] SpeedDee [] Commercial See Exception

Tracking Number: 1723 2547 4235

Custody Seal on Cooler/Box Present? [] Yes [X] No Seals Intact? [] Yes [] No

Packing Material: [] Bubble Wrap [] Bubble Bags [X] Foam [] None [] Tin Can [] Other: Temp Blank rec: [] Yes [X] No

Temp. (TO17 and TO13 samples only) (°C): Corrected Temp (°C): Thermometer Used: [] G87A9170600254 [] G87A9155100842

Temp should be above freezing to 6°C Correction Factor: Date & Initials of Person Examining Contents: 11-18-20 ML

Type of ice Received [] Blue [] Wet [X] None

Comments:

Table with 13 rows of questions and checkboxes. Includes items like 'Chain of Custody Present?', 'Samples Arrived within Hold Time?', 'Short Hold Time Analysis (<72 hr)?', 'Rush Turn Around Time Requested?', 'Sufficient Volume?', 'Correct Containers Used?', 'Containers Intact?', 'Media: Air Can, Airbag, Filter, TDT, Passive', 'Is sufficient information available to reconcile samples to the COC?', 'Do cans need to be pressurized?'

Gauge # [] 10AIR26 [X] 10AIR34 [] 10AIR35 [] 4097

Table with 10 columns: Sample Number, Can ID, Flow Controller, Initial Pressure, Final Pressure. Contains handwritten data for samples AS-2, AS-3, AS-4.

CLIENT NOTIFICATION/RESOLUTION

Field Data Required? [] Yes [] No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: Kirsten Hopfeng Date: 11/18/2020

November 23, 2020

Anthony Ellison
Terracon
2201 Rowland Ave
Savannah, GA 314061

RE: Project: ES207250 Mayors Point Terminal
Pace Project No.: 10539926

Dear Anthony Ellison:

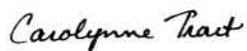
Enclosed are the analytical results for sample(s) received by the laboratory on November 20, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Carolynne Trout
carolynne.trout@pacelabs.com
1(612)607-6351
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: ES207250 Mayors Point Terminal

Pace Project No.: 10539926

Pace Analytical Services - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414

1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab

A2LA Certification #: 2926.01*

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009*

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014*

Arkansas DW Certification #: MN00064

Arkansas WW Certification #: 88-0680

California Certification #: 2929

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8+Wyoming DW Certification #: via MN 027-053-137

Florida Certification #: E87605*

Georgia Certification #: 959

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: AI-03086*

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064*

Maryland Certification #: 322

Massachusetts DWP Certification #: via MN 027-053-137

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137*

Minnesota Dept of Ag Certification #: via MN 027-053-137

Minnesota Petrofund Certification #: 1240*

Mississippi Certification #: MN00064

Missouri Certification #: 10100

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081*

New Jersey Certification #: MN002

New York Certification #: 11647*

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507*

Oregon Primary Certification #: MN300001

Oregon Secondary Certification #: MN200001*

Pennsylvania Certification #: 68-00563*

Puerto Rico Certification #: MN00064

South Carolina Certification #:74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192*

Utah Certification #: MN00064*

Vermont Certification #: VT-027053137

Virginia Certification #: 460163*

Washington Certification #: C486*

West Virginia DEP Certification #: 382

West Virginia DW Certification #: 9952 C

Wisconsin Certification #: 999407970

Wyoming UST Certification #: via A2LA 2926.01

USDA Permit #: P330-19-00208

Please Note: Applicable air certifications are denoted with an asterisk ().

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: ES207250 Mayors Point Terminal

Pace Project No.: 10539926

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10539926001	AS-2-3	Air	11/18/20 17:07	11/20/20 09:45
10539926002	AS-3-3	Air	11/18/20 17:10	11/20/20 09:45
10539926003	AS-4-3	Air	11/18/20 17:15	11/20/20 09:45

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: ES207250 Mayors Point Terminal
Pace Project No.: 10539926

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10539926001	AS-2-3	TO-15	CH1	61
10539926002	AS-3-3	TO-15	CH1	61
10539926003	AS-4-3	TO-15	CH1	61

PASI-M = Pace Analytical Services - Minneapolis

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: ES207250 Mayors Point Terminal

Pace Project No.: 10539926

Date: November 23, 2020

AS-2-3 (Lab ID: 10539926001)

- Analysis performed at 1800 Elm Street.

AS-3-3 (Lab ID: 10539926002)

- Analysis performed at 1800 Elm Street.

AS-4-3 (Lab ID: 10539926003)

- Analysis performed at 1800 Elm Street.

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: ES207250 Mayors Point Terminal

Pace Project No.: 10539926

Method: TO-15

Description: TO15 MSV AIR

Client: Terracon-GA

Date: November 23, 2020

General Information:

3 samples were analyzed for TO-15 by Pace Analytical Services Minneapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ES207250 Mayors Point Terminal

Pace Project No.: 10539926

Sample: AS-2-3	Lab ID: 10539926001	Collected: 11/18/20 17:07	Received: 11/20/20 09:45	Matrix: Air				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15 Pace Analytical Services - Minneapolis						
Acetone	6.6J	ug/m3	8.7	1.44		11/22/20 20:15	67-64-1	
Benzene	1.9	ug/m3	0.47	1.44		11/22/20 20:15	71-43-2	
Benzyl chloride	<1.9	ug/m3	3.8	1.44		11/22/20 20:15	100-44-7	
Bromodichloromethane	<0.31	ug/m3	2.0	1.44		11/22/20 20:15	75-27-4	
Bromoform	<1.2	ug/m3	7.6	1.44		11/22/20 20:15	75-25-2	
Bromomethane	<0.27	ug/m3	1.1	1.44		11/22/20 20:15	74-83-9	
1,3-Butadiene	<0.17	ug/m3	0.65	1.44		11/22/20 20:15	106-99-0	
2-Butanone (MEK)	<1.3	ug/m3	4.3	1.44		11/22/20 20:15	78-93-3	
Carbon disulfide	<0.14	ug/m3	0.91	1.44		11/22/20 20:15	75-15-0	
Carbon tetrachloride	0.51J	ug/m3	1.8	1.44		11/22/20 20:15	56-23-5	
Chlorobenzene	<0.22	ug/m3	1.3	1.44		11/22/20 20:15	108-90-7	
Chloroethane	<0.21	ug/m3	0.77	1.44		11/22/20 20:15	75-00-3	
Chloroform	<0.22	ug/m3	0.71	1.44		11/22/20 20:15	67-66-3	
Chloromethane	0.80	ug/m3	0.60	1.44		11/22/20 20:15	74-87-3	
Cyclohexane	6.1	ug/m3	2.5	1.44		11/22/20 20:15	110-82-7	
Dibromochloromethane	<0.46	ug/m3	2.5	1.44		11/22/20 20:15	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/m3	1.1	1.44		11/22/20 20:15	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/m3	1.8	1.44		11/22/20 20:15	95-50-1	
1,3-Dichlorobenzene	<1.2	ug/m3	4.4	1.44		11/22/20 20:15	541-73-1	
1,4-Dichlorobenzene	<1.4	ug/m3	4.4	1.44		11/22/20 20:15	106-46-7	
Dichlorodifluoromethane	2.5	ug/m3	1.5	1.44		11/22/20 20:15	75-71-8	
1,1-Dichloroethane	<0.19	ug/m3	1.2	1.44		11/22/20 20:15	75-34-3	
1,2-Dichloroethane	<0.19	ug/m3	0.59	1.44		11/22/20 20:15	107-06-2	
1,1-Dichloroethene	<0.19	ug/m3	1.2	1.44		11/22/20 20:15	75-35-4	
cis-1,2-Dichloroethene	<0.20	ug/m3	1.2	1.44		11/22/20 20:15	156-59-2	
trans-1,2-Dichloroethene	<0.24	ug/m3	1.2	1.44		11/22/20 20:15	156-60-5	
1,2-Dichloropropane	<0.24	ug/m3	1.4	1.44		11/22/20 20:15	78-87-5	
cis-1,3-Dichloropropene	<0.22	ug/m3	1.3	1.44		11/22/20 20:15	10061-01-5	
trans-1,3-Dichloropropene	<0.25	ug/m3	1.3	1.44		11/22/20 20:15	10061-02-6	
Dichlorotetrafluoroethane	<0.35	ug/m3	2.0	1.44		11/22/20 20:15	76-14-2	
Ethanol	2.8	ug/m3	2.8	1.44		11/22/20 20:15	64-17-5	
Ethyl acetate	<0.16	ug/m3	1.1	1.44		11/22/20 20:15	141-78-6	
Ethylbenzene	4.2	ug/m3	1.3	1.44		11/22/20 20:15	100-41-4	
4-Ethyltoluene	2.8J	ug/m3	3.6	1.44		11/22/20 20:15	622-96-8	
n-Heptane	6.0	ug/m3	1.2	1.44		11/22/20 20:15	142-82-5	
Hexachloro-1,3-butadiene	<2.8	ug/m3	7.8	1.44		11/22/20 20:15	87-68-3	
n-Hexane	10.6	ug/m3	1.0	1.44		11/22/20 20:15	110-54-3	
2-Hexanone	<1.0	ug/m3	6.0	1.44		11/22/20 20:15	591-78-6	
Methylene Chloride	<1.8	ug/m3	5.1	1.44		11/22/20 20:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.15	ug/m3	6.0	1.44		11/22/20 20:15	108-10-1	
Methyl-tert-butyl ether	<0.19	ug/m3	5.3	1.44		11/22/20 20:15	1634-04-4	
Naphthalene	<2.7	ug/m3	3.8	1.44		11/22/20 20:15	91-20-3	
2-Propanol	<1.2	ug/m3	3.6	1.44		11/22/20 20:15	67-63-0	
Propylene	<0.35	ug/m3	0.50	1.44		11/22/20 20:15	115-07-1	
Styrene	<0.35	ug/m3	3.1	1.44		11/22/20 20:15	100-42-5	
1,1,2,2-Tetrachloroethane	<0.31	ug/m3	2.0	1.44		11/22/20 20:15	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ES207250 Mayors Point Terminal

Pace Project No.: 10539926

Sample: AS-2-3		Lab ID: 10539926001	Collected: 11/18/20 17:07	Received: 11/20/20 09:45	Matrix: Air			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15 Pace Analytical Services - Minneapolis						
Tetrachloroethene	<0.31	ug/m3	0.99	1.44		11/22/20 20:15	127-18-4	
Tetrahydrofuran	<0.18	ug/m3	0.86	1.44		11/22/20 20:15	109-99-9	
Toluene	7.9	ug/m3	1.1	1.44		11/22/20 20:15	108-88-3	
1,2,4-Trichlorobenzene	<5.6	ug/m3	10.9	1.44		11/22/20 20:15	120-82-1	
1,1,1-Trichloroethane	<0.28	ug/m3	1.6	1.44		11/22/20 20:15	71-55-6	
1,1,2-Trichloroethane	<0.23	ug/m3	0.80	1.44		11/22/20 20:15	79-00-5	
Trichloroethene	<0.28	ug/m3	0.79	1.44		11/22/20 20:15	79-01-6	
Trichlorofluoromethane	1.4J	ug/m3	1.6	1.44		11/22/20 20:15	75-69-4	
1,1,2-Trichlorotrifluoroethane	0.50J	ug/m3	2.2	1.44		11/22/20 20:15	76-13-1	
1,2,4-Trimethylbenzene	5.6	ug/m3	3.6	1.44		11/22/20 20:15	95-63-6	
1,3,5-Trimethylbenzene	2.2J	ug/m3	3.6	1.44		11/22/20 20:15	108-67-8	
Vinyl acetate	<0.16	ug/m3	1.0	1.44		11/22/20 20:15	108-05-4	
Vinyl chloride	<0.12	ug/m3	0.37	1.44		11/22/20 20:15	75-01-4	
m&p-Xylene	18.1	ug/m3	2.5	1.44		11/22/20 20:15	179601-23-1	
o-Xylene	6.9	ug/m3	1.3	1.44		11/22/20 20:15	95-47-6	

Sample: AS-3-3		Lab ID: 10539926002	Collected: 11/18/20 17:10	Received: 11/20/20 09:45	Matrix: Air			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15 Pace Analytical Services - Minneapolis						
Acetone	4.2J	ug/m3	9.2	1.52		11/22/20 20:43	67-64-1	
Benzene	0.66	ug/m3	0.49	1.52		11/22/20 20:43	71-43-2	
Benzyl chloride	<2.0	ug/m3	4.0	1.52		11/22/20 20:43	100-44-7	
Bromodichloromethane	<0.33	ug/m3	2.1	1.52		11/22/20 20:43	75-27-4	
Bromoform	<1.2	ug/m3	8.0	1.52		11/22/20 20:43	75-25-2	
Bromomethane	<0.29	ug/m3	1.2	1.52		11/22/20 20:43	74-83-9	
1,3-Butadiene	<0.18	ug/m3	0.68	1.52		11/22/20 20:43	106-99-0	
2-Butanone (MEK)	<1.3	ug/m3	4.6	1.52		11/22/20 20:43	78-93-3	
Carbon disulfide	<0.14	ug/m3	0.96	1.52		11/22/20 20:43	75-15-0	
Carbon tetrachloride	0.46J	ug/m3	1.9	1.52		11/22/20 20:43	56-23-5	
Chlorobenzene	<0.23	ug/m3	1.4	1.52		11/22/20 20:43	108-90-7	
Chloroethane	<0.22	ug/m3	0.81	1.52		11/22/20 20:43	75-00-3	
Chloroform	<0.23	ug/m3	0.75	1.52		11/22/20 20:43	67-66-3	
Chloromethane	0.78	ug/m3	0.64	1.52		11/22/20 20:43	74-87-3	
Cyclohexane	<0.28	ug/m3	2.7	1.52		11/22/20 20:43	110-82-7	
Dibromochloromethane	<0.48	ug/m3	2.6	1.52		11/22/20 20:43	124-48-1	
1,2-Dibromoethane (EDB)	<0.33	ug/m3	1.2	1.52		11/22/20 20:43	106-93-4	
1,2-Dichlorobenzene	<1.1	ug/m3	1.9	1.52		11/22/20 20:43	95-50-1	
1,3-Dichlorobenzene	<1.3	ug/m3	4.6	1.52		11/22/20 20:43	541-73-1	
1,4-Dichlorobenzene	<1.5	ug/m3	4.7	1.52		11/22/20 20:43	106-46-7	
Dichlorodifluoromethane	2.7	ug/m3	1.5	1.52		11/22/20 20:43	75-71-8	
1,1-Dichloroethane	<0.20	ug/m3	1.3	1.52		11/22/20 20:43	75-34-3	
1,2-Dichloroethane	<0.20	ug/m3	0.62	1.52		11/22/20 20:43	107-06-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ES207250 Mayors Point Terminal

Pace Project No.: 10539926

Sample: AS-3-3	Lab ID: 10539926002	Collected: 11/18/20 17:10	Received: 11/20/20 09:45	Matrix: Air				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15						
		Pace Analytical Services - Minneapolis						
1,1-Dichloroethene	<0.20	ug/m3	1.2	1.52		11/22/20 20:43	75-35-4	
cis-1,2-Dichloroethene	<0.21	ug/m3	1.2	1.52		11/22/20 20:43	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/m3	1.2	1.52		11/22/20 20:43	156-60-5	
1,2-Dichloropropane	<0.26	ug/m3	1.4	1.52		11/22/20 20:43	78-87-5	
cis-1,3-Dichloropropene	<0.23	ug/m3	1.4	1.52		11/22/20 20:43	10061-01-5	
trans-1,3-Dichloropropene	<0.26	ug/m3	1.4	1.52		11/22/20 20:43	10061-02-6	
Dichlorotetrafluoroethane	<0.37	ug/m3	2.2	1.52		11/22/20 20:43	76-14-2	
Ethanol	5.2	ug/m3	2.9	1.52		11/22/20 20:43	64-17-5	
Ethyl acetate	<0.17	ug/m3	1.1	1.52		11/22/20 20:43	141-78-6	
Ethylbenzene	0.25J	ug/m3	1.3	1.52		11/22/20 20:43	100-41-4	
4-Ethyltoluene	<0.33	ug/m3	3.8	1.52		11/22/20 20:43	622-96-8	
n-Heptane	0.57J	ug/m3	1.3	1.52		11/22/20 20:43	142-82-5	
Hexachloro-1,3-butadiene	<2.9	ug/m3	8.2	1.52		11/22/20 20:43	87-68-3	
n-Hexane	2.2	ug/m3	1.1	1.52		11/22/20 20:43	110-54-3	
2-Hexanone	<1.1	ug/m3	6.3	1.52		11/22/20 20:43	591-78-6	
Methylene Chloride	<1.9	ug/m3	5.4	1.52		11/22/20 20:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.16	ug/m3	6.3	1.52		11/22/20 20:43	108-10-1	
Methyl-tert-butyl ether	<0.20	ug/m3	5.6	1.52		11/22/20 20:43	1634-04-4	
Naphthalene	<2.9	ug/m3	4.0	1.52		11/22/20 20:43	91-20-3	
2-Propanol	2.5J	ug/m3	3.8	1.52		11/22/20 20:43	67-63-0	
Propylene	<0.37	ug/m3	0.53	1.52		11/22/20 20:43	115-07-1	
Styrene	<0.37	ug/m3	3.3	1.52		11/22/20 20:43	100-42-5	
1,1,2,2-Tetrachloroethane	<0.32	ug/m3	2.1	1.52		11/22/20 20:43	79-34-5	
Tetrachloroethene	<0.33	ug/m3	1.0	1.52		11/22/20 20:43	127-18-4	
Tetrahydrofuran	<0.19	ug/m3	0.91	1.52		11/22/20 20:43	109-99-9	
Toluene	0.86J	ug/m3	1.2	1.52		11/22/20 20:43	108-88-3	
1,2,4-Trichlorobenzene	<5.9	ug/m3	11.5	1.52		11/22/20 20:43	120-82-1	
1,1,1-Trichloroethane	<0.29	ug/m3	1.7	1.52		11/22/20 20:43	71-55-6	
1,1,2-Trichloroethane	<0.24	ug/m3	0.84	1.52		11/22/20 20:43	79-00-5	
Trichloroethene	<0.29	ug/m3	0.83	1.52		11/22/20 20:43	79-01-6	
Trichlorofluoromethane	1.5J	ug/m3	1.7	1.52		11/22/20 20:43	75-69-4	
1,1,2-Trichlorotrifluoroethane	0.59J	ug/m3	2.4	1.52		11/22/20 20:43	76-13-1	
1,2,4-Trimethylbenzene	<0.21	ug/m3	3.8	1.52		11/22/20 20:43	95-63-6	
1,3,5-Trimethylbenzene	<0.31	ug/m3	3.8	1.52		11/22/20 20:43	108-67-8	
Vinyl acetate	<0.17	ug/m3	1.1	1.52		11/22/20 20:43	108-05-4	
Vinyl chloride	<0.13	ug/m3	0.40	1.52		11/22/20 20:43	75-01-4	
m&p-Xylene	0.79J	ug/m3	2.7	1.52		11/22/20 20:43	179601-23-1	
o-Xylene	0.24J	ug/m3	1.3	1.52		11/22/20 20:43	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ES207250 Mayors Point Terminal

Pace Project No.: 10539926

Sample: AS-4-3	Lab ID: 10539926003	Collected: 11/18/20 17:15	Received: 11/20/20 09:45	Matrix: Air				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15 Pace Analytical Services - Minneapolis						
Acetone	<3.2	ug/m3	8.7	1.44		11/22/20 21:42	67-64-1	
Benzene	0.63	ug/m3	0.47	1.44		11/22/20 21:42	71-43-2	
Benzyl chloride	<1.9	ug/m3	3.8	1.44		11/22/20 21:42	100-44-7	
Bromodichloromethane	<0.31	ug/m3	2.0	1.44		11/22/20 21:42	75-27-4	
Bromoform	<1.2	ug/m3	7.6	1.44		11/22/20 21:42	75-25-2	
Bromomethane	<0.27	ug/m3	1.1	1.44		11/22/20 21:42	74-83-9	
1,3-Butadiene	<0.17	ug/m3	0.65	1.44		11/22/20 21:42	106-99-0	
2-Butanone (MEK)	<1.3	ug/m3	4.3	1.44		11/22/20 21:42	78-93-3	
Carbon disulfide	<0.14	ug/m3	0.91	1.44		11/22/20 21:42	75-15-0	
Carbon tetrachloride	0.49J	ug/m3	1.8	1.44		11/22/20 21:42	56-23-5	
Chlorobenzene	<0.22	ug/m3	1.3	1.44		11/22/20 21:42	108-90-7	
Chloroethane	<0.21	ug/m3	0.77	1.44		11/22/20 21:42	75-00-3	
Chloroform	<0.22	ug/m3	0.71	1.44		11/22/20 21:42	67-66-3	
Chloromethane	0.86	ug/m3	0.60	1.44		11/22/20 21:42	74-87-3	
Cyclohexane	8.9	ug/m3	2.5	1.44		11/22/20 21:42	110-82-7	
Dibromochloromethane	<0.46	ug/m3	2.5	1.44		11/22/20 21:42	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/m3	1.1	1.44		11/22/20 21:42	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/m3	1.8	1.44		11/22/20 21:42	95-50-1	
1,3-Dichlorobenzene	<1.2	ug/m3	4.4	1.44		11/22/20 21:42	541-73-1	
1,4-Dichlorobenzene	<1.4	ug/m3	4.4	1.44		11/22/20 21:42	106-46-7	
Dichlorodifluoromethane	2.5	ug/m3	1.5	1.44		11/22/20 21:42	75-71-8	
1,1-Dichloroethane	<0.19	ug/m3	1.2	1.44		11/22/20 21:42	75-34-3	
1,2-Dichloroethane	<0.19	ug/m3	0.59	1.44		11/22/20 21:42	107-06-2	
1,1-Dichloroethene	<0.19	ug/m3	1.2	1.44		11/22/20 21:42	75-35-4	
cis-1,2-Dichloroethene	<0.20	ug/m3	1.2	1.44		11/22/20 21:42	156-59-2	
trans-1,2-Dichloroethene	<0.24	ug/m3	1.2	1.44		11/22/20 21:42	156-60-5	
1,2-Dichloropropane	<0.24	ug/m3	1.4	1.44		11/22/20 21:42	78-87-5	
cis-1,3-Dichloropropene	<0.22	ug/m3	1.3	1.44		11/22/20 21:42	10061-01-5	
trans-1,3-Dichloropropene	<0.25	ug/m3	1.3	1.44		11/22/20 21:42	10061-02-6	
Dichlorotetrafluoroethane	<0.35	ug/m3	2.0	1.44		11/22/20 21:42	76-14-2	
Ethanol	4.5	ug/m3	2.8	1.44		11/22/20 21:42	64-17-5	
Ethyl acetate	<0.16	ug/m3	1.1	1.44		11/22/20 21:42	141-78-6	
Ethylbenzene	<0.21	ug/m3	1.3	1.44		11/22/20 21:42	100-41-4	
4-Ethyltoluene	<0.31	ug/m3	3.6	1.44		11/22/20 21:42	622-96-8	
n-Heptane	2.3	ug/m3	1.2	1.44		11/22/20 21:42	142-82-5	
Hexachloro-1,3-butadiene	<2.8	ug/m3	7.8	1.44		11/22/20 21:42	87-68-3	
n-Hexane	15.1	ug/m3	1.0	1.44		11/22/20 21:42	110-54-3	
2-Hexanone	<1.0	ug/m3	6.0	1.44		11/22/20 21:42	591-78-6	
Methylene Chloride	<1.8	ug/m3	5.1	1.44		11/22/20 21:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.15	ug/m3	6.0	1.44		11/22/20 21:42	108-10-1	
Methyl-tert-butyl ether	<0.19	ug/m3	5.3	1.44		11/22/20 21:42	1634-04-4	
Naphthalene	<2.7	ug/m3	3.8	1.44		11/22/20 21:42	91-20-3	
2-Propanol	1.8J	ug/m3	3.6	1.44		11/22/20 21:42	67-63-0	
Propylene	<0.35	ug/m3	0.50	1.44		11/22/20 21:42	115-07-1	
Styrene	<0.35	ug/m3	3.1	1.44		11/22/20 21:42	100-42-5	
1,1,2,2-Tetrachloroethane	<0.31	ug/m3	2.0	1.44		11/22/20 21:42	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ES207250 Mayors Point Terminal

Pace Project No.: 10539926

Sample: AS-4-3	Lab ID: 10539926003	Collected: 11/18/20 17:15	Received: 11/20/20 09:45	Matrix: Air				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15						
		Pace Analytical Services - Minneapolis						
Tetrachloroethene	<0.31	ug/m3	0.99	1.44		11/22/20 21:42	127-18-4	
Tetrahydrofuran	<0.18	ug/m3	0.86	1.44		11/22/20 21:42	109-99-9	
Toluene	0.42J	ug/m3	1.1	1.44		11/22/20 21:42	108-88-3	
1,2,4-Trichlorobenzene	<5.6	ug/m3	10.9	1.44		11/22/20 21:42	120-82-1	
1,1,1-Trichloroethane	<0.28	ug/m3	1.6	1.44		11/22/20 21:42	71-55-6	
1,1,2-Trichloroethane	<0.23	ug/m3	0.80	1.44		11/22/20 21:42	79-00-5	
Trichloroethene	<0.28	ug/m3	0.79	1.44		11/22/20 21:42	79-01-6	
Trichlorofluoromethane	1.4J	ug/m3	1.6	1.44		11/22/20 21:42	75-69-4	
1,1,2-Trichlorotrifluoroethane	0.63J	ug/m3	2.2	1.44		11/22/20 21:42	76-13-1	
1,2,4-Trimethylbenzene	<0.19	ug/m3	3.6	1.44		11/22/20 21:42	95-63-6	
1,3,5-Trimethylbenzene	<0.30	ug/m3	3.6	1.44		11/22/20 21:42	108-67-8	
Vinyl acetate	<0.16	ug/m3	1.0	1.44		11/22/20 21:42	108-05-4	
Vinyl chloride	<0.12	ug/m3	0.37	1.44		11/22/20 21:42	75-01-4	
m&p-Xylene	<0.55	ug/m3	2.5	1.44		11/22/20 21:42	179601-23-1	
o-Xylene	<0.20	ug/m3	1.3	1.44		11/22/20 21:42	95-47-6	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ES207250 Mayors Point Terminal

Pace Project No.: 10539926

QC Batch: 712457

Analysis Method: TO-15

QC Batch Method: TO-15

Analysis Description: TO15 MSV AIR Low Level

Laboratory:

Pace Analytical Services - Minneapolis

Associated Lab Samples: 10539926001, 10539926002, 10539926003

METHOD BLANK: 3804496

Matrix: Air

Associated Lab Samples: 10539926001, 10539926002, 10539926003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.096	0.56	11/22/20 12:30	
1,1,2,2-Tetrachloroethane	ug/m3	<0.11	0.70	11/22/20 12:30	MN
1,1,2-Trichloroethane	ug/m3	<0.078	0.28	11/22/20 12:30	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.12	0.78	11/22/20 12:30	
1,1-Dichloroethane	ug/m3	<0.064	0.41	11/22/20 12:30	
1,1-Dichloroethene	ug/m3	<0.066	0.40	11/22/20 12:30	
1,2,4-Trichlorobenzene	ug/m3	2.8J	3.8	11/22/20 12:30	
1,2,4-Trimethylbenzene	ug/m3	<0.068	1.2	11/22/20 12:30	MN
1,2-Dibromoethane (EDB)	ug/m3	<0.11	0.39	11/22/20 12:30	
1,2-Dichlorobenzene	ug/m3	0.53J	0.61	11/22/20 12:30	
1,2-Dichloroethane	ug/m3	<0.066	0.21	11/22/20 12:30	
1,2-Dichloropropane	ug/m3	<0.084	0.47	11/22/20 12:30	
1,3,5-Trimethylbenzene	ug/m3	<0.10	1.2	11/22/20 12:30	MN
1,3-Butadiene	ug/m3	<0.058	0.22	11/22/20 12:30	
1,3-Dichlorobenzene	ug/m3	<0.42	1.5	11/22/20 12:30	MN
1,4-Dichlorobenzene	ug/m3	0.61J	1.5	11/22/20 12:30	
2-Butanone (MEK)	ug/m3	<0.44	1.5	11/22/20 12:30	
2-Hexanone	ug/m3	<0.36	2.1	11/22/20 12:30	
2-Propanol	ug/m3	<0.43	1.2	11/22/20 12:30	
4-Ethyltoluene	ug/m3	0.53J	1.2	11/22/20 12:30	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.051	2.1	11/22/20 12:30	
Acetone	ug/m3	<1.1	3.0	11/22/20 12:30	
Benzene	ug/m3	<0.049	0.16	11/22/20 12:30	
Benzyl chloride	ug/m3	<0.66	1.3	11/22/20 12:30	
Bromodichloromethane	ug/m3	<0.11	0.68	11/22/20 12:30	
Bromoform	ug/m3	<0.40	2.6	11/22/20 12:30	
Bromomethane	ug/m3	<0.094	0.39	11/22/20 12:30	
Carbon disulfide	ug/m3	<0.047	0.32	11/22/20 12:30	
Carbon tetrachloride	ug/m3	<0.11	0.64	11/22/20 12:30	
Chlorobenzene	ug/m3	<0.076	0.47	11/22/20 12:30	
Chloroethane	ug/m3	<0.072	0.27	11/22/20 12:30	
Chloroform	ug/m3	<0.075	0.25	11/22/20 12:30	
Chloromethane	ug/m3	<0.040	0.21	11/22/20 12:30	
cis-1,2-Dichloroethene	ug/m3	<0.070	0.40	11/22/20 12:30	
cis-1,3-Dichloropropene	ug/m3	<0.076	0.46	11/22/20 12:30	
Cyclohexane	ug/m3	<0.092	0.88	11/22/20 12:30	
Dibromochloromethane	ug/m3	<0.16	0.86	11/22/20 12:30	
Dichlorodifluoromethane	ug/m3	<0.27	0.50	11/22/20 12:30	
Dichlorotetrafluoroethane	ug/m3	<0.12	0.71	11/22/20 12:30	
Ethanol	ug/m3	<0.28	0.96	11/22/20 12:30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ES207250 Mayors Point Terminal

Pace Project No.: 10539926

METHOD BLANK: 3804496

Matrix: Air

Associated Lab Samples: 10539926001, 10539926002, 10539926003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethyl acetate	ug/m3	<0.056	0.37	11/22/20 12:30	
Ethylbenzene	ug/m3	<0.074	0.44	11/22/20 12:30	
Hexachloro-1,3-butadiene	ug/m3	<0.97	2.7	11/22/20 12:30	
m&p-Xylene	ug/m3	<0.19	0.88	11/22/20 12:30	
Methyl-tert-butyl ether	ug/m3	<0.065	1.8	11/22/20 12:30	
Methylene Chloride	ug/m3	<0.63	1.8	11/22/20 12:30	
n-Heptane	ug/m3	<0.076	0.42	11/22/20 12:30	
n-Hexane	ug/m3	<0.11	0.36	11/22/20 12:30	
Naphthalene	ug/m3	<0.94	1.3	11/22/20 12:30	
o-Xylene	ug/m3	<0.071	0.44	11/22/20 12:30	
Propylene	ug/m3	<0.12	0.18	11/22/20 12:30	
Styrene	ug/m3	<0.12	1.1	11/22/20 12:30	MN
Tetrachloroethene	ug/m3	<0.11	0.34	11/22/20 12:30	
Tetrahydrofuran	ug/m3	<0.064	0.30	11/22/20 12:30	
Toluene	ug/m3	<0.056	0.38	11/22/20 12:30	
trans-1,2-Dichloroethene	ug/m3	<0.085	0.40	11/22/20 12:30	
trans-1,3-Dichloropropene	ug/m3	<0.087	0.46	11/22/20 12:30	
Trichloroethene	ug/m3	<0.096	0.27	11/22/20 12:30	
Trichlorofluoromethane	ug/m3	<0.12	0.57	11/22/20 12:30	
Vinyl acetate	ug/m3	<0.054	0.36	11/22/20 12:30	
Vinyl chloride	ug/m3	<0.043	0.13	11/22/20 12:30	

LABORATORY CONTROL SAMPLE: 3804497

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	57	63.2	111	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	71.9	76.5	106	70-132	
1,1,2-Trichloroethane	ug/m3	57.3	65.3	114	70-133	
1,1,2-Trichlorotrifluoroethane	ug/m3	80.3	82.9	103	70-130	
1,1-Dichloroethane	ug/m3	42.7	45.7	107	70-130	
1,1-Dichloroethene	ug/m3	41.4	45.7	110	69-137	
1,2,4-Trichlorobenzene	ug/m3	156	169	109	70-130	
1,2,4-Trimethylbenzene	ug/m3	51.5	56.9	110	70-137	
1,2-Dibromoethane (EDB)	ug/m3	80.3	102	127	70-138	
1,2-Dichlorobenzene	ug/m3	63.1	72.6	115	70-136	
1,2-Dichloroethane	ug/m3	42.4	50.7	120	70-130	
1,2-Dichloropropane	ug/m3	48.6	52.9	109	70-132	
1,3,5-Trimethylbenzene	ug/m3	51.6	62.8	122	70-136	
1,3-Butadiene	ug/m3	23.3	26.2	112	67-139	
1,3-Dichlorobenzene	ug/m3	63.4	68.4	108	70-138	
1,4-Dichlorobenzene	ug/m3	63.4	71.7	113	70-145	
2-Butanone (MEK)	ug/m3	31.4	26.0	83	61-130	
2-Hexanone	ug/m3	42.8	50.6	118	70-138	
2-Propanol	ug/m3	119	127	107	70-136	

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QUALITY CONTROL DATA

Project: ES207250 Mayors Point Terminal

Pace Project No.: 10539926

LABORATORY CONTROL SAMPLE: 3804497

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Ethyltoluene	ug/m3	52.4	58.0	111	70-142	
4-Methyl-2-pentanone (MIBK)	ug/m3	43.6	49.0	112	70-134	
Acetone	ug/m3	126	126	99	59-137	
Benzene	ug/m3	33.5	34.6	103	70-133	
Benzyl chloride	ug/m3	55.1	62.3	113	70-139	
Bromodichloromethane	ug/m3	71.5	83.6	117	70-130	
Bromoform	ug/m3	110	118	107	60-140	
Bromomethane	ug/m3	41.3	44.7	108	70-131	
Carbon disulfide	ug/m3	33.3	34.7	104	70-130	
Carbon tetrachloride	ug/m3	66.2	78.5	119	70-133	
Chlorobenzene	ug/m3	48.3	53.3	110	70-131	
Chloroethane	ug/m3	28.1	31.5	112	70-141	
Chloroform	ug/m3	51.1	56.3	110	70-130	
Chloromethane	ug/m3	21.9	23.2	106	64-137	
cis-1,2-Dichloroethene	ug/m3	41.6	44.4	107	70-132	
cis-1,3-Dichloropropene	ug/m3	47.7	59.6	125	70-138	
Cyclohexane	ug/m3	36.7	38.4	105	70-133	
Dibromochloromethane	ug/m3	90.7	105	116	70-139	
Dichlorodifluoromethane	ug/m3	51.6	55.8	108	70-130	
Dichlorotetrafluoroethane	ug/m3	72.7	77.4	106	65-133	
Ethanol	ug/m3	103	106	103	65-135	
Ethyl acetate	ug/m3	38.6	41.8	108	70-135	
Ethylbenzene	ug/m3	45.6	53.1	116	70-142	
Hexachloro-1,3-butadiene	ug/m3	112	126	113	70-134	
m&p-Xylene	ug/m3	91.2	113	124	70-141	
Methyl-tert-butyl ether	ug/m3	38.4	41.9	109	70-131	
Methylene Chloride	ug/m3	182	197	108	69-130	
n-Heptane	ug/m3	43.6	47.0	108	70-130	
n-Hexane	ug/m3	37.6	39.0	104	70-131	
Naphthalene	ug/m3	57.7	61.5	107	63-130	
o-Xylene	ug/m3	45.5	54.4	120	70-135	
Propylene	ug/m3	18.2	17.0	94	63-139	
Styrene	ug/m3	44.9	48.0	107	70-143	
Tetrachloroethene	ug/m3	71	73.9	104	70-136	
Tetrahydrofuran	ug/m3	31.5	34.4	109	70-137	
Toluene	ug/m3	39.5	44.0	111	70-136	
trans-1,2-Dichloroethene	ug/m3	42.2	44.3	105	70-132	
trans-1,3-Dichloropropene	ug/m3	47.7	53.3	112	70-139	
Trichloroethene	ug/m3	56.3	63.3	112	70-132	
Trichlorofluoromethane	ug/m3	59.7	66.8	112	65-136	
Vinyl acetate	ug/m3	34.5	39.2	114	66-140	
Vinyl chloride	ug/m3	26.7	26.8	100	68-141	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ES207250 Mayors Point Terminal

Pace Project No.: 10539926

SAMPLE DUPLICATE: 3805090

Parameter	Units	10539926002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.29	<0.29			25
1,1,2,2-Tetrachloroethane	ug/m3	<0.32	<0.32			25
1,1,2-Trichloroethane	ug/m3	<0.24	<0.24			25
1,1,2-Trichlorotrifluoroethane	ug/m3	0.59J	0.57J			25
1,1-Dichloroethane	ug/m3	<0.20	<0.20			25
1,1-Dichloroethene	ug/m3	<0.20	<0.20			25
1,2,4-Trichlorobenzene	ug/m3	<5.9	<5.9			25
1,2,4-Trimethylbenzene	ug/m3	<0.21	<0.21			25
1,2-Dibromoethane (EDB)	ug/m3	<0.33	<0.33			25
1,2-Dichlorobenzene	ug/m3	<1.1	<1.1			25
1,2-Dichloroethane	ug/m3	<0.20	<0.20			25
1,2-Dichloropropane	ug/m3	<0.26	<0.26			25
1,3,5-Trimethylbenzene	ug/m3	<0.31	<0.31			25
1,3-Butadiene	ug/m3	<0.18	<0.18			25
1,3-Dichlorobenzene	ug/m3	<1.3	<1.3			25
1,4-Dichlorobenzene	ug/m3	<1.5	<1.5			25
2-Butanone (MEK)	ug/m3	<1.3	<1.3			25
2-Hexanone	ug/m3	<1.1	<1.1			25
2-Propanol	ug/m3	2.5J	<1.3			25
4-Ethyltoluene	ug/m3	<0.33	<0.33			25
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.16	<0.16			25
Acetone	ug/m3	4.2J	4.6J			25
Benzene	ug/m3	0.66	0.70	5		25
Benzyl chloride	ug/m3	<2.0	<2.0			25
Bromodichloromethane	ug/m3	<0.33	<0.33			25
Bromoform	ug/m3	<1.2	<1.2			25
Bromomethane	ug/m3	<0.29	<0.29			25
Carbon disulfide	ug/m3	<0.14	<0.14			25
Carbon tetrachloride	ug/m3	0.46J	0.42J			25
Chlorobenzene	ug/m3	<0.23	<0.23			25
Chloroethane	ug/m3	<0.22	<0.22			25
Chloroform	ug/m3	<0.23	<0.23			25
Chloromethane	ug/m3	0.78	0.82	5		25
cis-1,2-Dichloroethene	ug/m3	<0.21	<0.21			25
cis-1,3-Dichloropropene	ug/m3	<0.23	<0.23			25
Cyclohexane	ug/m3	<0.28	0.98J			25
Dibromochloromethane	ug/m3	<0.48	<0.48			25
Dichlorodifluoromethane	ug/m3	2.7	2.7	1		25
Dichlorotetrafluoroethane	ug/m3	<0.37	<0.37			25
Ethanol	ug/m3	5.2	5.8	11		25
Ethyl acetate	ug/m3	<0.17	<0.17			25
Ethylbenzene	ug/m3	0.25J	0.24J			25
Hexachloro-1,3-butadiene	ug/m3	<2.9	<2.9			25
m&p-Xylene	ug/m3	0.79J	0.78J			25
Methyl-tert-butyl ether	ug/m3	<0.20	<0.20			25
Methylene Chloride	ug/m3	<1.9	<1.9			25
n-Heptane	ug/m3	0.57J	0.64J			25

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ES207250 Mayors Point Terminal

Pace Project No.: 10539926

SAMPLE DUPLICATE: 3805090

Parameter	Units	10539926002 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	2.2	2.4	6	25	
Naphthalene	ug/m3	<2.9	<2.9		25	
o-Xylene	ug/m3	0.24J	0.34J		25	
Propylene	ug/m3	<0.37	1.3		25	
Styrene	ug/m3	<0.37	<0.37		25	
Tetrachloroethene	ug/m3	<0.33	<0.33		25	
Tetrahydrofuran	ug/m3	<0.19	<0.19		25	
Toluene	ug/m3	0.86J	0.87J		25	
trans-1,2-Dichloroethene	ug/m3	<0.26	<0.26		25	
trans-1,3-Dichloropropene	ug/m3	<0.26	<0.26		25	
Trichloroethene	ug/m3	<0.29	<0.29		25	
Trichlorofluoromethane	ug/m3	1.5J	1.4J		25	
Vinyl acetate	ug/m3	<0.17	<0.17		25	
Vinyl chloride	ug/m3	<0.13	<0.13		25	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: ES207250 Mayors Point Terminal

Pace Project No.: 10539926

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

SAMPLE QUALIFIERS

Sample: 10539926001

[1] Analysis performed at 1800 Elm Street.

Sample: 10539926002

[1] Analysis performed at 1800 Elm Street.

Sample: 10539926003

[1] Analysis performed at 1800 Elm Street.

ANALYTE QUALIFIERS

MN The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ES207250 Mayors Point Terminal

Pace Project No.: 10539926

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10539926001	AS-2-3	TO-15	712457		
10539926002	AS-3-3	TO-15	712457		
10539926003	AS-4-3	TO-15	712457		

REPORT OF LABORATORY ANALYSIS

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AIR: CHAIN-OF-CUSTODY / Analytical Request Document

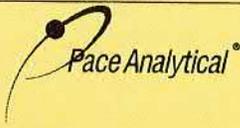
The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

Section A Required Client Information: Company: <u>Tetson</u> Address: <u>2201 Rowland Ave.</u> <u>Savannah GA 31404</u> Phone: <u>Anthony Elison @ tetson.com</u> <u>912.417.2662</u> Fax: Requested Due Date/TAI:		Section B Required Project Information: Report To: <u>Anthony Elison</u> Copy To: Purchase Order No.: Project Name: <u>Waynes Point Terminal</u> Project Number: <u>F5207250</u>		Section C Invoice Information: Attention: Company Name: Address: Pace Quote Reference: Pace Project Manager/Sales Rep. Pace Profile #: <u>41584</u>		Program <input type="checkbox"/> UST <input type="checkbox"/> Superfund <input type="checkbox"/> Emissions <input type="checkbox"/> Clean Air Act <input type="checkbox"/> Voluntary Clean Up <input type="checkbox"/> Dry Clean <input type="checkbox"/> RCRA <input type="checkbox"/> Other Location of Sampling by State: <u>GA</u> Reporting Units: <u>ug/m³</u> <input type="checkbox"/> PPMV <input type="checkbox"/> PPMV <input type="checkbox"/> Other:	
Section D Required Client Information AIR SAMPLE ID Sample IDs MUST BE UNIQUE		COLLECTED MEDIA CODE PID Reading (Client only)		Flow Control Number		Method: <input checked="" type="checkbox"/> PM10 <input type="checkbox"/> 3C - Fixed Gas (%) <input type="checkbox"/> TO-3 BTEX <input type="checkbox"/> TO-3M (Methane) <input type="checkbox"/> TO-14 <input type="checkbox"/> TO-15 Full List VOCs <input type="checkbox"/> TO-15 Short List BTEX <input type="checkbox"/> TO-15 Short List Chlormethane <input type="checkbox"/> TO-15 Short List (Other)	
#	ITEM	DATE	TIME	DATE	TIME	DATE	TIME
1	AS-2-3	11/18/20	0907	11/18/20	1707	5	2864
2	AS-3-3	11/18/20	0910	11/18/20	1710	5	1292
3	AS-4-3	11/18/20	0915	11/18/20	1715	5	90
WO# : 10539926 							
RELINQUISHED BY / AFFILIATION		DATE		TIME		ACCEPTED BY / AFFILIATION	
						 ANTHONY ELISON	
SAMPLER NAME AND SIGNATURE		DATE		TIME		DATE SIGNED (MM/DD/YY)	
PRINT Name of SAMPLER: <u>Spencer Burr</u> SIGNATURE of SAMPLER:						DATE SIGNED (MM/DD/YY): <u>11/18/20</u>	
SAMPLER NAME AND SIGNATURE		DATE		TIME		TEMP IN °C	
						Received on: Y/N Custody Sealed: Y/N Samples Intact: Y/N	

Comments :

ORIGINAL



Document Name:
Sample Condition Upon Receipt (SCUR) - Air

Document Revised: 24Mar2020
Page 1 of 1

Document No.:
ENV-FRM-MIN4-0113 Rev.00

Pace Analytical Services -
Minneapolis

**Air Sample Condition
Upon Receipt**

Client Name:
TERRACON - GA

Project #:

WO# : 10539926

PM: CT1

Due Date: 11/25/20

CLIENT: Terracon-GA

Courier: Fed Ex UPS USPS Client
 Pace SpeeDee Commercial See Exception

Tracking Number: 1723 2547 4246

Custody Seal on Cooler/Box Present? Yes No Seals Intact? Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Tin Can Other: _____ Temp Blank rec: Yes No

Temp. (TO17 and TO13 samples only) (°C): X Corrected Temp (°C): X

Thermometer Used: G87A9170600254
 G87A9155100842

Temp should be above freezing to 6°C Correction Factor: X

Date & Initials of Person Examining Contents: 11-20-20 CMY

Type of ice Received Blue Wet None

Comments:

Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.
Sampler Name and/or Signature on COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72 hr)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested?	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7. 3 DAY RUSH
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used? (Tedlar bags not acceptable container for TO-14, TO-15 or APH) -Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Containers Intact? (visual inspection/no leaks when pressurized)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Media: <u>Air Can</u> Airbag Filter TDT Passive		11. Individually Certified Cans Y <u>(N)</u> (list which samples)
Is sufficient information available to reconcile samples to the COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
Do cans need to be pressurized? (DO NOT PRESSURIZE 3C or ASTM 1946!!!)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	13.

Gauge # 10AIR26 10AIR34 10AIR35 4097

Canisters

Canisters

Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
AS-2-3	2864	1064	-2	+5					
AS-3-3	1292	2011	-3.5	+5					
AS-4-3	0090	1791	-2	+5					

CLIENT NOTIFICATION/RESOLUTION

Field Data Required? Yes No

Person Contacted: _____

Date/Time: _____

Comments/Resolution: _____

Project Manager Review: Carolynne Trout

Date: 11/20/20

Page 20 of 20

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

December 01, 2020

Anthony Ellison
Terracon
2201 Rowland Ave
Savannah, GA 314061

RE: Project: ES 2027250 Mayors Point Termin
Pace Project No.: 10540434

Dear Anthony Ellison:

Enclosed are the analytical results for sample(s) received by the laboratory on November 24, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Carolynne Trout
carolynne.trout@pacelabs.com
1(612)607-6351
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: ES 2027250 Mayors Point Termin

Pace Project No.: 10540434

Pace Analytical Services - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414

1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab

A2LA Certification #: 2926.01*

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009*

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014*

Arkansas DW Certification #: MN00064

Arkansas WW Certification #: 88-0680

California Certification #: 2929

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8+Wyoming DW Certification #: via MN 027-053-137

Florida Certification #: E87605*

Georgia Certification #: 959

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: AI-03086*

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064*

Maryland Certification #: 322

Massachusetts DWP Certification #: via MN 027-053-137

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137*

Minnesota Dept of Ag Certification #: via MN 027-053-137

Minnesota Petrofund Certification #: 1240*

Mississippi Certification #: MN00064

Missouri Certification #: 10100

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081*

New Jersey Certification #: MN002

New York Certification #: 11647*

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507*

Oregon Primary Certification #: MN300001

Oregon Secondary Certification #: MN200001*

Pennsylvania Certification #: 68-00563*

Puerto Rico Certification #: MN00064

South Carolina Certification #: 74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192*

Utah Certification #: MN00064*

Vermont Certification #: VT-027053137

Virginia Certification #: 460163*

Washington Certification #: C486*

West Virginia DEP Certification #: 382

West Virginia DW Certification #: 9952 C

Wisconsin Certification #: 999407970

Wyoming UST Certification #: via A2LA 2926.01

USDA Permit #: P330-19-00208

Please Note: Applicable air certifications are denoted with an asterisk ().

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: ES 2027250 Mayors Point Termin

Pace Project No.: 10540434

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10540434001	AS-2-4	Air	11/19/20 17:59	11/24/20 13:10
10540434002	AS-3-4	Air	11/19/20 17:53	11/24/20 13:10
10540434003	AS-4-4	Air	11/19/20 17:49	11/24/20 13:10

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SAMPLE ANALYTE COUNT

Project: ES 2027250 Mayors Point Termin
Pace Project No.: 10540434

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10540434001	AS-2-4	TO-15	MLS	61
10540434002	AS-3-4	TO-15	MLS	61
10540434003	AS-4-4	TO-15	MLS	61

PASI-M = Pace Analytical Services - Minneapolis

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: ES 2027250 Mayors Point Termin

Pace Project No.: 10540434

Method: TO-15

Description: TO15 MSV AIR

Client: Terracon-GA

Date: December 01, 2020

General Information:

3 samples were analyzed for TO-15 by Pace Analytical Services Minneapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ES 2027250 Mayors Point Termin

Pace Project No.: 10540434

Sample: AS-2-4	Lab ID: 10540434001	Collected: 11/19/20 17:59	Received: 11/24/20 13:10	Matrix: Air				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15 Pace Analytical Services - Minneapolis						
Acetone	5.2J	ug/m3	8.7	1.44		11/30/20 18:48	67-64-1	
Benzene	2.0	ug/m3	0.47	1.44		11/30/20 18:48	71-43-2	
Benzyl chloride	<0.65	ug/m3	3.8	1.44		11/30/20 18:48	100-44-7	
Bromodichloromethane	<0.43	ug/m3	2.0	1.44		11/30/20 18:48	75-27-4	
Bromoform	<2.6	ug/m3	7.6	1.44		11/30/20 18:48	75-25-2	
Bromomethane	<0.34	ug/m3	1.1	1.44		11/30/20 18:48	74-83-9	
1,3-Butadiene	<0.17	ug/m3	0.65	1.44		11/30/20 18:48	106-99-0	
2-Butanone (MEK)	<0.97	ug/m3	4.3	1.44		11/30/20 18:48	78-93-3	
Carbon disulfide	<0.34	ug/m3	0.91	1.44		11/30/20 18:48	75-15-0	
Carbon tetrachloride	<0.50	ug/m3	1.8	1.44		11/30/20 18:48	56-23-5	
Chlorobenzene	<0.31	ug/m3	1.3	1.44		11/30/20 18:48	108-90-7	
Chloroethane	<0.15	ug/m3	0.77	1.44		11/30/20 18:48	75-00-3	
Chloroform	<0.22	ug/m3	0.71	1.44		11/30/20 18:48	67-66-3	
Chloromethane	0.86	ug/m3	0.60	1.44		11/30/20 18:48	74-87-3	
Cyclohexane	5.2	ug/m3	2.5	1.44		11/30/20 18:48	110-82-7	
Dibromochloromethane	<0.57	ug/m3	2.5	1.44		11/30/20 18:48	124-48-1	
1,2-Dibromoethane (EDB)	<0.32	ug/m3	1.1	1.44		11/30/20 18:48	106-93-4	
1,2-Dichlorobenzene	<0.48	ug/m3	4.4	1.44		11/30/20 18:48	95-50-1	
1,3-Dichlorobenzene	1.5J	ug/m3	1.8	1.44		11/30/20 18:48	541-73-1	
1,4-Dichlorobenzene	<0.76	ug/m3	4.4	1.44		11/30/20 18:48	106-46-7	
Dichlorodifluoromethane	2.7	ug/m3	1.5	1.44		11/30/20 18:48	75-71-8	
1,1-Dichloroethane	<0.24	ug/m3	1.2	1.44		11/30/20 18:48	75-34-3	
1,2-Dichloroethane	<0.28	ug/m3	0.59	1.44		11/30/20 18:48	107-06-2	
1,1-Dichloroethene	<0.26	ug/m3	1.2	1.44		11/30/20 18:48	75-35-4	
cis-1,2-Dichloroethene	<0.22	ug/m3	1.2	1.44		11/30/20 18:48	156-59-2	
trans-1,2-Dichloroethene	<0.20	ug/m3	1.2	1.44		11/30/20 18:48	156-60-5	
1,2-Dichloropropane	<0.22	ug/m3	1.4	1.44		11/30/20 18:48	78-87-5	
cis-1,3-Dichloropropene	<0.26	ug/m3	1.3	1.44		11/30/20 18:48	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/m3	3.3	1.44		11/30/20 18:48	10061-02-6	
Dichlorotetrafluoroethane	<0.59	ug/m3	2.0	1.44		11/30/20 18:48	76-14-2	
Ethanol	2.8J	ug/m3	6.9	1.44		11/30/20 18:48	64-17-5	
Ethyl acetate	<0.30	ug/m3	1.1	1.44		11/30/20 18:48	141-78-6	
Ethylbenzene	3.2	ug/m3	1.3	1.44		11/30/20 18:48	100-41-4	
4-Ethyltoluene	2.7J	ug/m3	3.6	1.44		11/30/20 18:48	622-96-8	
n-Heptane	5.4	ug/m3	1.2	1.44		11/30/20 18:48	142-82-5	
Hexachloro-1,3-butadiene	<3.5	ug/m3	7.8	1.44		11/30/20 18:48	87-68-3	
n-Hexane	8.6	ug/m3	1.0	1.44		11/30/20 18:48	110-54-3	
2-Hexanone	<0.71	ug/m3	6.0	1.44		11/30/20 18:48	591-78-6	
Methylene Chloride	<2.3	ug/m3	5.1	1.44		11/30/20 18:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	1.7J	ug/m3	6.0	1.44		11/30/20 18:48	108-10-1	
Methyl-tert-butyl ether	<0.19	ug/m3	5.3	1.44		11/30/20 18:48	1634-04-4	
Naphthalene	3.1J	ug/m3	3.8	1.44		11/30/20 18:48	91-20-3	
2-Propanol	2.1J	ug/m3	3.6	1.44		11/30/20 18:48	67-63-0	
Propylene	<0.19	ug/m3	0.50	1.44		11/30/20 18:48	115-07-1	
Styrene	<0.47	ug/m3	3.1	1.44		11/30/20 18:48	100-42-5	
1,1,2,2-Tetrachloroethane	<0.22	ug/m3	1.0	1.44		11/30/20 18:48	79-34-5	

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ANALYTICAL RESULTS

Project: ES 2027250 Mayors Point Termin

Pace Project No.: 10540434

Sample: AS-2-4		Lab ID: 10540434001	Collected: 11/19/20 17:59	Received: 11/24/20 13:10	Matrix: Air			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15 Pace Analytical Services - Minneapolis						
Tetrachloroethene	<0.47	ug/m3	0.99	1.44		11/30/20 18:48	127-18-4	
Tetrahydrofuran	<0.20	ug/m3	0.86	1.44		11/30/20 18:48	109-99-9	
Toluene	7.2	ug/m3	1.1	1.44		11/30/20 18:48	108-88-3	
1,2,4-Trichlorobenzene	6.0J	ug/m3	10.9	1.44		11/30/20 18:48	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/m3	1.6	1.44		11/30/20 18:48	71-55-6	
1,1,2-Trichloroethane	<0.24	ug/m3	0.80	1.44		11/30/20 18:48	79-00-5	
Trichloroethene	<0.24	ug/m3	0.79	1.44		11/30/20 18:48	79-01-6	
Trichlorofluoromethane	1.2J	ug/m3	1.6	1.44		11/30/20 18:48	75-69-4	
1,1,2-Trichlorotrifluoroethane	0.56J	ug/m3	2.2	1.44		11/30/20 18:48	76-13-1	
1,2,4-Trimethylbenzene	6.3	ug/m3	1.4	1.44		11/30/20 18:48	95-63-6	
1,3,5-Trimethylbenzene	2.0	ug/m3	1.4	1.44		11/30/20 18:48	108-67-8	
Vinyl acetate	<0.19	ug/m3	1.0	1.44		11/30/20 18:48	108-05-4	
Vinyl chloride	<0.082	ug/m3	0.37	1.44		11/30/20 18:48	75-01-4	
m&p-Xylene	12.8	ug/m3	2.5	1.44		11/30/20 18:48	179601-23-1	
o-Xylene	4.7	ug/m3	1.3	1.44		11/30/20 18:48	95-47-6	

Sample: AS-3-4		Lab ID: 10540434002	Collected: 11/19/20 17:53	Received: 11/24/20 13:10	Matrix: Air			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15 Pace Analytical Services - Minneapolis						
Acetone	3.9J	ug/m3	8.7	1.44		11/30/20 19:58	67-64-1	
Benzene	1.9	ug/m3	0.47	1.44		11/30/20 19:58	71-43-2	
Benzyl chloride	<0.65	ug/m3	3.8	1.44		11/30/20 19:58	100-44-7	
Bromodichloromethane	<0.43	ug/m3	2.0	1.44		11/30/20 19:58	75-27-4	
Bromoform	<2.6	ug/m3	7.6	1.44		11/30/20 19:58	75-25-2	
Bromomethane	<0.34	ug/m3	1.1	1.44		11/30/20 19:58	74-83-9	
1,3-Butadiene	<0.17	ug/m3	0.65	1.44		11/30/20 19:58	106-99-0	
2-Butanone (MEK)	<0.97	ug/m3	4.3	1.44		11/30/20 19:58	78-93-3	
Carbon disulfide	<0.34	ug/m3	0.91	1.44		11/30/20 19:58	75-15-0	
Carbon tetrachloride	<0.50	ug/m3	1.8	1.44		11/30/20 19:58	56-23-5	
Chlorobenzene	<0.31	ug/m3	1.3	1.44		11/30/20 19:58	108-90-7	
Chloroethane	<0.15	ug/m3	0.77	1.44		11/30/20 19:58	75-00-3	
Chloroform	<0.22	ug/m3	0.71	1.44		11/30/20 19:58	67-66-3	
Chloromethane	0.86	ug/m3	0.60	1.44		11/30/20 19:58	74-87-3	
Cyclohexane	5.4	ug/m3	2.5	1.44		11/30/20 19:58	110-82-7	
Dibromochloromethane	<0.57	ug/m3	2.5	1.44		11/30/20 19:58	124-48-1	
1,2-Dibromoethane (EDB)	<0.32	ug/m3	1.1	1.44		11/30/20 19:58	106-93-4	
1,2-Dichlorobenzene	<0.48	ug/m3	4.4	1.44		11/30/20 19:58	95-50-1	
1,3-Dichlorobenzene	<0.56	ug/m3	1.8	1.44		11/30/20 19:58	541-73-1	
1,4-Dichlorobenzene	<0.76	ug/m3	4.4	1.44		11/30/20 19:58	106-46-7	
Dichlorodifluoromethane	2.4	ug/m3	1.5	1.44		11/30/20 19:58	75-71-8	
1,1-Dichloroethane	<0.24	ug/m3	1.2	1.44		11/30/20 19:58	75-34-3	
1,2-Dichloroethane	<0.28	ug/m3	0.59	1.44		11/30/20 19:58	107-06-2	

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ANALYTICAL RESULTS

Project: ES 2027250 Mayors Point Termin

Pace Project No.: 10540434

Sample: AS-3-4	Lab ID: 10540434002	Collected: 11/19/20 17:53	Received: 11/24/20 13:10	Matrix: Air				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15						
		Pace Analytical Services - Minneapolis						
1,1-Dichloroethene	<0.26	ug/m3	1.2	1.44		11/30/20 19:58	75-35-4	
cis-1,2-Dichloroethene	<0.22	ug/m3	1.2	1.44		11/30/20 19:58	156-59-2	
trans-1,2-Dichloroethene	<0.20	ug/m3	1.2	1.44		11/30/20 19:58	156-60-5	
1,2-Dichloropropane	<0.22	ug/m3	1.4	1.44		11/30/20 19:58	78-87-5	
cis-1,3-Dichloropropene	<0.26	ug/m3	1.3	1.44		11/30/20 19:58	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/m3	3.3	1.44		11/30/20 19:58	10061-02-6	
Dichlorotetrafluoroethane	<0.59	ug/m3	2.0	1.44		11/30/20 19:58	76-14-2	
Ethanol	<1.4	ug/m3	6.9	1.44		11/30/20 19:58	64-17-5	
Ethyl acetate	<0.30	ug/m3	1.1	1.44		11/30/20 19:58	141-78-6	
Ethylbenzene	1.9	ug/m3	1.3	1.44		11/30/20 19:58	100-41-4	
4-Ethyltoluene	1.9J	ug/m3	3.6	1.44		11/30/20 19:58	622-96-8	
n-Heptane	4.3	ug/m3	1.2	1.44		11/30/20 19:58	142-82-5	
Hexachloro-1,3-butadiene	<3.5	ug/m3	7.8	1.44		11/30/20 19:58	87-68-3	
n-Hexane	11.5	ug/m3	1.0	1.44		11/30/20 19:58	110-54-3	
2-Hexanone	<0.71	ug/m3	6.0	1.44		11/30/20 19:58	591-78-6	
Methylene Chloride	<2.3	ug/m3	5.1	1.44		11/30/20 19:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	1.8J	ug/m3	6.0	1.44		11/30/20 19:58	108-10-1	
Methyl-tert-butyl ether	<0.19	ug/m3	5.3	1.44		11/30/20 19:58	1634-04-4	
Naphthalene	2.5J	ug/m3	3.8	1.44		11/30/20 19:58	91-20-3	
2-Propanol	<1.1	ug/m3	3.6	1.44		11/30/20 19:58	67-63-0	
Propylene	<0.19	ug/m3	0.50	1.44		11/30/20 19:58	115-07-1	
Styrene	<0.47	ug/m3	3.1	1.44		11/30/20 19:58	100-42-5	
1,1,2,2-Tetrachloroethane	<0.22	ug/m3	1.0	1.44		11/30/20 19:58	79-34-5	
Tetrachloroethene	<0.47	ug/m3	0.99	1.44		11/30/20 19:58	127-18-4	
Tetrahydrofuran	<0.20	ug/m3	0.86	1.44		11/30/20 19:58	109-99-9	
Toluene	5.4	ug/m3	1.1	1.44		11/30/20 19:58	108-88-3	
1,2,4-Trichlorobenzene	5.8J	ug/m3	10.9	1.44		11/30/20 19:58	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/m3	1.6	1.44		11/30/20 19:58	71-55-6	
1,1,2-Trichloroethane	<0.24	ug/m3	0.80	1.44		11/30/20 19:58	79-00-5	
Trichloroethene	<0.24	ug/m3	0.79	1.44		11/30/20 19:58	79-01-6	
Trichlorofluoromethane	1.2J	ug/m3	1.6	1.44		11/30/20 19:58	75-69-4	
1,1,2-Trichlorotrifluoroethane	<0.48	ug/m3	2.2	1.44		11/30/20 19:58	76-13-1	
1,2,4-Trimethylbenzene	3.8	ug/m3	1.4	1.44		11/30/20 19:58	95-63-6	
1,3,5-Trimethylbenzene	1.0J	ug/m3	1.4	1.44		11/30/20 19:58	108-67-8	
Vinyl acetate	<0.19	ug/m3	1.0	1.44		11/30/20 19:58	108-05-4	
Vinyl chloride	<0.082	ug/m3	0.37	1.44		11/30/20 19:58	75-01-4	
m&p-Xylene	7.6	ug/m3	2.5	1.44		11/30/20 19:58	179601-23-1	
o-Xylene	2.8	ug/m3	1.3	1.44		11/30/20 19:58	95-47-6	

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ANALYTICAL RESULTS

Project: ES 2027250 Mayors Point Termin

Pace Project No.: 10540434

Sample: AS-4-4	Lab ID: 10540434003	Collected: 11/19/20 17:49	Received: 11/24/20 13:10	Matrix: Air				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15 Pace Analytical Services - Minneapolis						
Acetone	3.7J	ug/m3	8.7	1.44		11/30/20 21:09	67-64-1	
Benzene	0.77	ug/m3	0.47	1.44		11/30/20 21:09	71-43-2	
Benzyl chloride	<0.65	ug/m3	3.8	1.44		11/30/20 21:09	100-44-7	
Bromodichloromethane	<0.43	ug/m3	2.0	1.44		11/30/20 21:09	75-27-4	
Bromoform	<2.6	ug/m3	7.6	1.44		11/30/20 21:09	75-25-2	
Bromomethane	<0.34	ug/m3	1.1	1.44		11/30/20 21:09	74-83-9	
1,3-Butadiene	<0.17	ug/m3	0.65	1.44		11/30/20 21:09	106-99-0	
2-Butanone (MEK)	2.2J	ug/m3	4.3	1.44		11/30/20 21:09	78-93-3	
Carbon disulfide	<0.34	ug/m3	0.91	1.44		11/30/20 21:09	75-15-0	
Carbon tetrachloride	<0.50	ug/m3	1.8	1.44		11/30/20 21:09	56-23-5	
Chlorobenzene	<0.31	ug/m3	1.3	1.44		11/30/20 21:09	108-90-7	
Chloroethane	<0.15	ug/m3	0.77	1.44		11/30/20 21:09	75-00-3	
Chloroform	<0.22	ug/m3	0.71	1.44		11/30/20 21:09	67-66-3	
Chloromethane	0.80	ug/m3	0.60	1.44		11/30/20 21:09	74-87-3	
Cyclohexane	4.4	ug/m3	2.5	1.44		11/30/20 21:09	110-82-7	
Dibromochloromethane	<0.57	ug/m3	2.5	1.44		11/30/20 21:09	124-48-1	
1,2-Dibromoethane (EDB)	<0.32	ug/m3	1.1	1.44		11/30/20 21:09	106-93-4	
1,2-Dichlorobenzene	<0.48	ug/m3	4.4	1.44		11/30/20 21:09	95-50-1	
1,3-Dichlorobenzene	<0.56	ug/m3	1.8	1.44		11/30/20 21:09	541-73-1	
1,4-Dichlorobenzene	1.5J	ug/m3	4.4	1.44		11/30/20 21:09	106-46-7	
Dichlorodifluoromethane	2.4	ug/m3	1.5	1.44		11/30/20 21:09	75-71-8	
1,1-Dichloroethane	<0.24	ug/m3	1.2	1.44		11/30/20 21:09	75-34-3	
1,2-Dichloroethane	<0.28	ug/m3	0.59	1.44		11/30/20 21:09	107-06-2	
1,1-Dichloroethene	<0.26	ug/m3	1.2	1.44		11/30/20 21:09	75-35-4	
cis-1,2-Dichloroethene	<0.22	ug/m3	1.2	1.44		11/30/20 21:09	156-59-2	
trans-1,2-Dichloroethene	<0.20	ug/m3	1.2	1.44		11/30/20 21:09	156-60-5	
1,2-Dichloropropane	<0.22	ug/m3	1.4	1.44		11/30/20 21:09	78-87-5	
cis-1,3-Dichloropropene	<0.26	ug/m3	1.3	1.44		11/30/20 21:09	10061-01-5	
trans-1,3-Dichloropropene	<0.23	ug/m3	3.3	1.44		11/30/20 21:09	10061-02-6	
Dichlorotetrafluoroethane	<0.59	ug/m3	2.0	1.44		11/30/20 21:09	76-14-2	
Ethanol	6.7J	ug/m3	6.9	1.44		11/30/20 21:09	64-17-5	
Ethyl acetate	<0.30	ug/m3	1.1	1.44		11/30/20 21:09	141-78-6	
Ethylbenzene	<0.29	ug/m3	1.3	1.44		11/30/20 21:09	100-41-4	
4-Ethyltoluene	<0.50	ug/m3	3.6	1.44		11/30/20 21:09	622-96-8	
n-Heptane	1.1J	ug/m3	1.2	1.44		11/30/20 21:09	142-82-5	
Hexachloro-1,3-butadiene	<3.5	ug/m3	7.8	1.44		11/30/20 21:09	87-68-3	
n-Hexane	7.1	ug/m3	1.0	1.44		11/30/20 21:09	110-54-3	
2-Hexanone	<0.71	ug/m3	6.0	1.44		11/30/20 21:09	591-78-6	
Methylene Chloride	<2.3	ug/m3	5.1	1.44		11/30/20 21:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	1.7J	ug/m3	6.0	1.44		11/30/20 21:09	108-10-1	
Methyl-tert-butyl ether	<0.19	ug/m3	5.3	1.44		11/30/20 21:09	1634-04-4	
Naphthalene	2.3J	ug/m3	3.8	1.44		11/30/20 21:09	91-20-3	
2-Propanol	<1.1	ug/m3	3.6	1.44		11/30/20 21:09	67-63-0	
Propylene	<0.19	ug/m3	0.50	1.44		11/30/20 21:09	115-07-1	
Styrene	<0.47	ug/m3	3.1	1.44		11/30/20 21:09	100-42-5	
1,1,2,2-Tetrachloroethane	<0.22	ug/m3	1.0	1.44		11/30/20 21:09	79-34-5	

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ANALYTICAL RESULTS

Project: ES 2027250 Mayors Point Termin

Pace Project No.: 10540434

Sample: AS-4-4	Lab ID: 10540434003	Collected: 11/19/20 17:49	Received: 11/24/20 13:10	Matrix: Air				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15						
		Pace Analytical Services - Minneapolis						
Tetrachloroethene	<0.47	ug/m3	0.99	1.44		11/30/20 21:09	127-18-4	
Tetrahydrofuran	<0.20	ug/m3	0.86	1.44		11/30/20 21:09	109-99-9	
Toluene	0.39J	ug/m3	1.1	1.44		11/30/20 21:09	108-88-3	
1,2,4-Trichlorobenzene	<4.8	ug/m3	10.9	1.44		11/30/20 21:09	120-82-1	
1,1,1-Trichloroethane	<0.24	ug/m3	1.6	1.44		11/30/20 21:09	71-55-6	
1,1,2-Trichloroethane	<0.24	ug/m3	0.80	1.44		11/30/20 21:09	79-00-5	
Trichloroethene	<0.24	ug/m3	0.79	1.44		11/30/20 21:09	79-01-6	
Trichlorofluoromethane	1.1J	ug/m3	1.6	1.44		11/30/20 21:09	75-69-4	
1,1,2-Trichlorotrifluoroethane	<0.48	ug/m3	2.2	1.44		11/30/20 21:09	76-13-1	
1,2,4-Trimethylbenzene	1.1J	ug/m3	1.4	1.44		11/30/20 21:09	95-63-6	
1,3,5-Trimethylbenzene	<0.38	ug/m3	1.4	1.44		11/30/20 21:09	108-67-8	
Vinyl acetate	<0.19	ug/m3	1.0	1.44		11/30/20 21:09	108-05-4	
Vinyl chloride	<0.082	ug/m3	0.37	1.44		11/30/20 21:09	75-01-4	
m&p-Xylene	<0.60	ug/m3	2.5	1.44		11/30/20 21:09	179601-23-1	
o-Xylene	<0.34	ug/m3	1.3	1.44		11/30/20 21:09	95-47-6	

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QUALITY CONTROL DATA

Project: ES 2027250 Mayors Point Termin
Pace Project No.: 10540434

QC Batch: 713451 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10540434001, 10540434002, 10540434003

METHOD BLANK: 3809160 Matrix: Air

Associated Lab Samples: 10540434001, 10540434002, 10540434003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.083	0.56	11/30/20 17:37	
1,1,2,2-Tetrachloroethane	ug/m3	<0.077	0.35	11/30/20 17:37	
1,1,2-Trichloroethane	ug/m3	<0.084	0.28	11/30/20 17:37	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.17	0.78	11/30/20 17:37	
1,1-Dichloroethane	ug/m3	<0.085	0.41	11/30/20 17:37	
1,1-Dichloroethene	ug/m3	<0.092	0.40	11/30/20 17:37	
1,2,4-Trichlorobenzene	ug/m3	2.1J	3.8	11/30/20 17:37	
1,2,4-Trimethylbenzene	ug/m3	<0.17	0.50	11/30/20 17:37	
1,2-Dibromoethane (EDB)	ug/m3	<0.11	0.39	11/30/20 17:37	
1,2-Dichlorobenzene	ug/m3	<0.17	1.5	11/30/20 17:37	MN
1,2-Dichloroethane	ug/m3	<0.096	0.21	11/30/20 17:37	
1,2-Dichloropropane	ug/m3	<0.078	0.47	11/30/20 17:37	
1,3,5-Trimethylbenzene	ug/m3	<0.13	0.50	11/30/20 17:37	
1,3-Butadiene	ug/m3	<0.058	0.22	11/30/20 17:37	
1,3-Dichlorobenzene	ug/m3	<0.19	0.61	11/30/20 17:37	
1,4-Dichlorobenzene	ug/m3	<0.26	1.5	11/30/20 17:37	
2-Butanone (MEK)	ug/m3	<0.34	1.5	11/30/20 17:37	
2-Hexanone	ug/m3	<0.25	2.1	11/30/20 17:37	
2-Propanol	ug/m3	<0.39	1.2	11/30/20 17:37	
4-Ethyltoluene	ug/m3	<0.17	1.2	11/30/20 17:37	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.11	2.1	11/30/20 17:37	
Acetone	ug/m3	<1.0	3.0	11/30/20 17:37	
Benzene	ug/m3	<0.043	0.16	11/30/20 17:37	
Benzyl chloride	ug/m3	<0.22	1.3	11/30/20 17:37	
Bromodichloromethane	ug/m3	<0.15	0.68	11/30/20 17:37	
Bromoform	ug/m3	<0.90	2.6	11/30/20 17:37	
Bromomethane	ug/m3	<0.12	0.39	11/30/20 17:37	
Carbon disulfide	ug/m3	<0.12	0.32	11/30/20 17:37	
Carbon tetrachloride	ug/m3	<0.17	0.64	11/30/20 17:37	
Chlorobenzene	ug/m3	<0.11	0.47	11/30/20 17:37	
Chloroethane	ug/m3	<0.052	0.27	11/30/20 17:37	
Chloroform	ug/m3	<0.075	0.25	11/30/20 17:37	
Chloromethane	ug/m3	<0.059	0.21	11/30/20 17:37	
cis-1,2-Dichloroethene	ug/m3	<0.075	0.40	11/30/20 17:37	
cis-1,3-Dichloropropene	ug/m3	<0.092	0.46	11/30/20 17:37	
Cyclohexane	ug/m3	<0.094	0.88	11/30/20 17:37	
Dibromochloromethane	ug/m3	<0.20	0.86	11/30/20 17:37	
Dichlorodifluoromethane	ug/m3	<0.099	0.50	11/30/20 17:37	
Dichlorotetrafluoroethane	ug/m3	<0.20	0.71	11/30/20 17:37	
Ethanol	ug/m3	<0.47	2.4	11/30/20 17:37	MN

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ES 2027250 Mayors Point Termin
Pace Project No.: 10540434

METHOD BLANK: 3809160 Matrix: Air
Associated Lab Samples: 10540434001, 10540434002, 10540434003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethyl acetate	ug/m3	<0.11	0.37	11/30/20 17:37	
Ethylbenzene	ug/m3	<0.099	0.44	11/30/20 17:37	
Hexachloro-1,3-butadiene	ug/m3	<1.2	2.7	11/30/20 17:37	
m&p-Xylene	ug/m3	<0.21	0.88	11/30/20 17:37	
Methyl-tert-butyl ether	ug/m3	<0.064	1.8	11/30/20 17:37	
Methylene Chloride	ug/m3	<0.78	1.8	11/30/20 17:37	
n-Heptane	ug/m3	<0.12	0.42	11/30/20 17:37	
n-Hexane	ug/m3	<0.11	0.36	11/30/20 17:37	
Naphthalene	ug/m3	0.81J	1.3	11/30/20 17:37	
o-Xylene	ug/m3	<0.12	0.44	11/30/20 17:37	
Propylene	ug/m3	<0.064	0.18	11/30/20 17:37	
Styrene	ug/m3	<0.16	1.1	11/30/20 17:37	MN
Tetrachloroethane	ug/m3	<0.16	0.34	11/30/20 17:37	
Tetrahydrofuran	ug/m3	<0.069	0.30	11/30/20 17:37	
Toluene	ug/m3	<0.098	0.38	11/30/20 17:37	
trans-1,2-Dichloroethene	ug/m3	<0.070	0.40	11/30/20 17:37	
trans-1,3-Dichloropropene	ug/m3	<0.079	1.2	11/30/20 17:37	MN
Trichloroethene	ug/m3	<0.084	0.27	11/30/20 17:37	
Trichlorofluoromethane	ug/m3	<0.19	0.57	11/30/20 17:37	
Vinyl acetate	ug/m3	<0.068	0.36	11/30/20 17:37	
Vinyl chloride	ug/m3	<0.028	0.13	11/30/20 17:37	

LABORATORY CONTROL SAMPLE: 3809161

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	57	51.3	90	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	71.9	73.6	102	70-132	
1,1,2-Trichloroethane	ug/m3	57.3	55.9	98	70-133	
1,1,2-Trichlorotrifluoroethane	ug/m3	80.3	71.6	89	70-130	
1,1-Dichloroethane	ug/m3	42.7	38.7	91	70-130	
1,1-Dichloroethene	ug/m3	41.4	37.0	89	69-137	
1,2,4-Trichlorobenzene	ug/m3	156	143	92	70-130	
1,2,4-Trimethylbenzene	ug/m3	51.5	48.0	93	70-137	
1,2-Dibromoethane (EDB)	ug/m3	80.3	84.1	105	70-138	
1,2-Dichlorobenzene	ug/m3	63.1	58.9	93	70-136	
1,2-Dichloroethane	ug/m3	42.4	37.9	89	70-130	
1,2-Dichloropropane	ug/m3	48.6	46.7	96	70-132	
1,3,5-Trimethylbenzene	ug/m3	51.6	58.7	114	70-136	
1,3-Butadiene	ug/m3	23.3	20.3	87	67-139	
1,3-Dichlorobenzene	ug/m3	63.4	59.3	94	70-138	
1,4-Dichlorobenzene	ug/m3	63.4	59.2	93	70-145	
2-Butanone (MEK)	ug/m3	31.4	31.7	101	61-130	
2-Hexanone	ug/m3	42.8	40.7	95	70-138	
2-Propanol	ug/m3	119	96.8	81	70-136	

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QUALITY CONTROL DATA

Project: ES 2027250 Mayors Point Termin

Pace Project No.: 10540434

LABORATORY CONTROL SAMPLE: 3809161

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Ethyltoluene	ug/m3	52.4	49.2	94	70-142	
4-Methyl-2-pentanone (MIBK)	ug/m3	43.6	40.9	94	70-134	
Acetone	ug/m3	126	101	80	59-137	
Benzene	ug/m3	33.5	32.3	96	70-133	
Benzyl chloride	ug/m3	55.1	51.1	93	70-139	
Bromodichloromethane	ug/m3	71.5	67.9	95	70-130	
Bromoform	ug/m3	110	106	96	60-140	
Bromomethane	ug/m3	41.3	34.6	84	70-131	
Carbon disulfide	ug/m3	33.3	30.6	92	70-130	
Carbon tetrachloride	ug/m3	66.2	60.1	91	70-133	
Chlorobenzene	ug/m3	48.3	46.6	96	70-131	
Chloroethane	ug/m3	28.1	24.6	88	70-141	
Chloroform	ug/m3	51.1	45.3	89	70-130	
Chloromethane	ug/m3	21.9	17.8	81	64-137	
cis-1,2-Dichloroethene	ug/m3	41.6	40.0	96	70-132	
cis-1,3-Dichloropropene	ug/m3	47.7	45.2	95	70-138	
Cyclohexane	ug/m3	36.7	39.5	108	70-133	
Dibromochloromethane	ug/m3	90.7	91.4	101	70-139	
Dichlorodifluoromethane	ug/m3	51.6	43.4	84	70-130	
Dichlorotetrafluoroethane	ug/m3	72.7	61.0	84	65-133	
Ethanol	ug/m3	103	99.2	96	65-135	
Ethyl acetate	ug/m3	38.6	38.4	100	70-135	
Ethylbenzene	ug/m3	45.6	51.0	112	70-142	
Hexachloro-1,3-butadiene	ug/m3	112	104	93	70-134	
m&p-Xylene	ug/m3	91.2	104	114	70-141	
Methyl-tert-butyl ether	ug/m3	38.4	38.7	101	70-131	
Methylene Chloride	ug/m3	182	157	86	69-130	
n-Heptane	ug/m3	43.6	43.5	100	70-130	
n-Hexane	ug/m3	37.6	42.5	113	70-131	
Naphthalene	ug/m3	57.7	53.1	92	63-130	
o-Xylene	ug/m3	45.5	50.1	110	70-135	
Propylene	ug/m3	18.2	16.1	89	63-139	
Styrene	ug/m3	44.9	43.0	96	70-143	
Tetrachloroethene	ug/m3	71	67.3	95	70-136	
Tetrahydrofuran	ug/m3	31.5	32.8	104	70-137	
Toluene	ug/m3	39.5	40.0	101	70-136	
trans-1,2-Dichloroethene	ug/m3	42.2	39.8	94	70-132	
trans-1,3-Dichloropropene	ug/m3	47.7	44.4	93	70-139	
Trichloroethene	ug/m3	56.3	52.5	93	70-132	
Trichlorofluoromethane	ug/m3	59.7	46.3	78	65-136	
Vinyl acetate	ug/m3	34.5	37.0	107	66-140	
Vinyl chloride	ug/m3	26.7	23.0	86	68-141	

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QUALITY CONTROL DATA

Project: ES 2027250 Mayors Point Termin

Pace Project No.: 10540434

SAMPLE DUPLICATE: 3809951

Parameter	Units	10540434001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.24	<0.24		25	
1,1,2,2-Tetrachloroethane	ug/m3	<0.22	<0.22		25	
1,1,2-Trichloroethane	ug/m3	<0.24	<0.24		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	0.56J	0.62J		25	
1,1-Dichloroethane	ug/m3	<0.24	<0.24		25	
1,1-Dichloroethene	ug/m3	<0.26	<0.26		25	
1,2,4-Trichlorobenzene	ug/m3	6.0J	5.9J		25	
1,2,4-Trimethylbenzene	ug/m3	6.3	6.3	1	25	
1,2-Dibromoethane (EDB)	ug/m3	<0.32	<0.32		25	
1,2-Dichlorobenzene	ug/m3	<0.48	<0.48		25	
1,2-Dichloroethane	ug/m3	<0.28	<0.28		25	
1,2-Dichloropropane	ug/m3	<0.22	<0.22		25	
1,3,5-Trimethylbenzene	ug/m3	2.0	2.0	1	25	
1,3-Butadiene	ug/m3	<0.17	<0.17		25	
1,3-Dichlorobenzene	ug/m3	1.5J	1.5J		25	
1,4-Dichlorobenzene	ug/m3	<0.76	<0.76		25	
2-Butanone (MEK)	ug/m3	<0.97	<0.97		25	
2-Hexanone	ug/m3	<0.71	<0.71		25	
2-Propanol	ug/m3	2.1J	2.1J		25	
4-Ethyltoluene	ug/m3	2.7J	2.6J		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	1.7J	1.8J		25	
Acetone	ug/m3	5.2J	5.3J		25	
Benzene	ug/m3	2.0	2.0	1	25	
Benzyl chloride	ug/m3	<0.65	1.9J		25	
Bromodichloromethane	ug/m3	<0.43	<0.43		25	
Bromoform	ug/m3	<2.6	<2.6		25	
Bromomethane	ug/m3	<0.34	<0.34		25	
Carbon disulfide	ug/m3	<0.34	<0.34		25	
Carbon tetrachloride	ug/m3	<0.50	<0.50		25	
Chlorobenzene	ug/m3	<0.31	<0.31		25	
Chloroethane	ug/m3	<0.15	<0.15		25	
Chloroform	ug/m3	<0.22	<0.22		25	
Chloromethane	ug/m3	0.86	0.80	7	25	
cis-1,2-Dichloroethene	ug/m3	<0.22	<0.22		25	
cis-1,3-Dichloropropene	ug/m3	<0.26	<0.26		25	
Cyclohexane	ug/m3	5.2	5.3	1	25	
Dibromochloromethane	ug/m3	<0.57	<0.57		25	
Dichlorodifluoromethane	ug/m3	2.7	2.7	0	25	
Dichlorotetrafluoroethane	ug/m3	<0.59	<0.59		25	
Ethanol	ug/m3	2.8J	3.2J		25	
Ethyl acetate	ug/m3	<0.30	<0.30		25	
Ethylbenzene	ug/m3	3.2	3.1	1	25	
Hexachloro-1,3-butadiene	ug/m3	<3.5	<3.5		25	
m&p-Xylene	ug/m3	12.8	12.8	0	25	
Methyl-tert-butyl ether	ug/m3	<0.19	<0.19		25	
Methylene Chloride	ug/m3	<2.3	<2.3		25	
n-Heptane	ug/m3	5.4	5.4	0	25	

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QUALITY CONTROL DATA

Project: ES 2027250 Mayors Point Termin

Pace Project No.: 10540434

SAMPLE DUPLICATE: 3809951

Parameter	Units	10540434001 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	8.6	8.8	2	25	
Naphthalene	ug/m3	3.1J	3.0J		25	
o-Xylene	ug/m3	4.7	4.6	1	25	
Propylene	ug/m3	<0.19	<0.19		25	
Styrene	ug/m3	<0.47	<0.47		25	
Tetrachloroethene	ug/m3	<0.47	<0.47		25	
Tetrahydrofuran	ug/m3	<0.20	<0.20		25	
Toluene	ug/m3	7.2	7.5	5	25	
trans-1,2-Dichloroethene	ug/m3	<0.20	<0.20		25	
trans-1,3-Dichloropropene	ug/m3	<0.23	<0.23		25	
Trichloroethene	ug/m3	<0.24	<0.24		25	
Trichlorofluoromethane	ug/m3	1.2J	1.1J		25	
Vinyl acetate	ug/m3	<0.19	<0.19		25	
Vinyl chloride	ug/m3	<0.082	<0.082		25	

SAMPLE DUPLICATE: 3809952

Parameter	Units	10540434002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.24	<0.24		25	
1,1,2,2-Tetrachloroethane	ug/m3	<0.22	<0.22		25	
1,1,2-Trichloroethane	ug/m3	<0.24	<0.24		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.48	<0.48		25	
1,1-Dichloroethane	ug/m3	<0.24	<0.24		25	
1,1-Dichloroethene	ug/m3	<0.26	<0.26		25	
1,2,4-Trichlorobenzene	ug/m3	5.8J	<4.8		25	
1,2,4-Trimethylbenzene	ug/m3	3.8	3.7	1	25	
1,2-Dibromoethane (EDB)	ug/m3	<0.32	<0.32		25	
1,2-Dichlorobenzene	ug/m3	<0.48	<0.48		25	
1,2-Dichloroethane	ug/m3	<0.28	<0.28		25	
1,2-Dichloropropane	ug/m3	<0.22	<0.22		25	
1,3,5-Trimethylbenzene	ug/m3	1.0J	1.1J		25	
1,3-Butadiene	ug/m3	<0.17	<0.17		25	
1,3-Dichlorobenzene	ug/m3	<0.56	<0.56		25	
1,4-Dichlorobenzene	ug/m3	<0.76	<0.76		25	
2-Butanone (MEK)	ug/m3	<0.97	<0.97		25	
2-Hexanone	ug/m3	<0.71	<0.71		25	
2-Propanol	ug/m3	<1.1	<1.1		25	
4-Ethyltoluene	ug/m3	1.9J	1.9J		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	1.8J	1.8J		25	
Acetone	ug/m3	3.9J	3.8J		25	
Benzene	ug/m3	1.9	1.9	2	25	
Benzyl chloride	ug/m3	<0.65	<0.65		25	
Bromodichloromethane	ug/m3	<0.43	<0.43		25	
Bromoform	ug/m3	<2.6	<2.6		25	
Bromomethane	ug/m3	<0.34	<0.34		25	

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QUALITY CONTROL DATA

Project: ES 2027250 Mayors Point Termin
Pace Project No.: 10540434

SAMPLE DUPLICATE: 3809952

Parameter	Units	10540434002 Result	Dup Result	RPD	Max RPD	Qualifiers
Carbon disulfide	ug/m3	<0.34	<0.34		25	
Carbon tetrachloride	ug/m3	<0.50	<0.50		25	
Chlorobenzene	ug/m3	<0.31	<0.31		25	
Chloroethane	ug/m3	<0.15	<0.15		25	
Chloroform	ug/m3	<0.22	<0.22		25	
Chloromethane	ug/m3	0.86	0.94	9	25	
cis-1,2-Dichloroethene	ug/m3	<0.22	<0.22		25	
cis-1,3-Dichloropropene	ug/m3	<0.26	<0.26		25	
Cyclohexane	ug/m3	5.4	5.5	1	25	
Dibromochloromethane	ug/m3	<0.57	<0.57		25	
Dichlorodifluoromethane	ug/m3	2.4	2.5	4	25	
Dichlorotetrafluoroethane	ug/m3	<0.59	<0.59		25	
Ethanol	ug/m3	<1.4	<1.4		25	
Ethyl acetate	ug/m3	<0.30	<0.30		25	
Ethylbenzene	ug/m3	1.9	1.9	2	25	
Hexachloro-1,3-butadiene	ug/m3	<3.5	<3.5		25	
m&p-Xylene	ug/m3	7.6	7.6	0	25	
Methyl-tert-butyl ether	ug/m3	<0.19	<0.19		25	
Methylene Chloride	ug/m3	<2.3	<2.3		25	
n-Heptane	ug/m3	4.3	4.5	3	25	
n-Hexane	ug/m3	11.5	11.5	0	25	
Naphthalene	ug/m3	2.5J	2.5J		25	
o-Xylene	ug/m3	2.8	2.9	3	25	
Propylene	ug/m3	<0.19	<0.19		25	
Styrene	ug/m3	<0.47	<0.47		25	
Tetrachloroethene	ug/m3	<0.47	<0.47		25	
Tetrahydrofuran	ug/m3	<0.20	<0.20		25	
Toluene	ug/m3	5.4	5.8	7	25	
trans-1,2-Dichloroethene	ug/m3	<0.20	<0.20		25	
trans-1,3-Dichloropropene	ug/m3	<0.23	<0.23		25	
Trichloroethene	ug/m3	<0.24	<0.24		25	
Trichlorofluoromethane	ug/m3	1.2J	1.2J		25	
Vinyl acetate	ug/m3	<0.19	<0.19		25	
Vinyl chloride	ug/m3	<0.082	<0.082		25	

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QUALIFIERS

Project: ES 2027250 Mayors Point Termin

Pace Project No.: 10540434

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

MN The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ES 2027250 Mayors Point Termin

Pace Project No.: 10540434

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10540434001	AS-2-4	TO-15	713451		
10540434002	AS-3-4	TO-15	713451		
10540434003	AS-4-4	TO-15	713451		

REPORT OF LABORATORY ANALYSIS

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AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information: Company: <u>Terrace</u> Address: <u>2201 Rowland Ave</u> <u>Savannah GA 31404</u> Email To: <u>Anthony.Ellison@terrace.com</u> Phone: <u>912-417-4612</u> Fax: Requested Due Date/TAT:		Section B Required Project Information: Report To: <u>Anthony Ellison</u> Copy To: Purchase Order No.: Project Name: <u>Multiphase Paint Terminal</u> Project Number: <u>ES207250</u>		Section C Invoice Information: Attention: Company Name: Address: Pace Quote Reference: Pace Project Manager/Sales Rep. Pace Profile #:		Page: _____ of _____
Section D Required Client Information AIR SAMPLE ID Sample IDs MUST BE UNIQUE		Valid Media Codes MEDIA Tedlar Bag 1 Liter Summa Can 6 Liter Summa Can Low Volume Puff High Volume Puff Other		Report Level II. III. IV. Other		Program <input type="checkbox"/> UST <input type="checkbox"/> Superfund <input type="checkbox"/> Emissions <input type="checkbox"/> Clean Air Act <input type="checkbox"/> Voluntary Clean Up <input type="checkbox"/> Dry Clean <input type="checkbox"/> RCRA <input type="checkbox"/> Other
# ITEM		COLLECTED MEDIA CODE PD Reading (Client only)		Method: TO-15 Full Vol TO-15 Short List TO-14 TO-13 (PAH) TO-4 (PCBs) TO-3M (Methane) TO-3 3C Fixed Gas (%) PM10		Reporting Units ug/m ³ PPBV PPMV Other

#	ITEM	COLLECTED		Initial Field reading (inches of Hg)	Final Field reading (inches of Hg)	Summa Can Number	Flow Control Number	Pace Lab ID
		DATE	TIME					
1	AS-2-4	11/19/20	1604	11/19/20	1759	803		001
2	AS-3-4	11/19/20	0959	11/19/20	1753	2150		002
3	AS-4-4	11/19/20	0954	11/19/20	1749	2065		003
4								
5								
6								
7								
8								
9								
10								
11								
12								

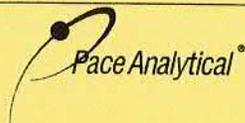
WO#: 10540434

10540434

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
						Temp in °C
						Received on
						Ice
						Custody
						Sealed Cooler
						Samples Intact

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: Spencer M. Bwit
 SIGNATURE of SAMPLER: [Signature] DATE Signed (MM / DD / YY)

Comments:



Document Name:
Sample Condition Upon Receipt (SCUR) - Air

Document Revised: 24Mar2020

Page 1 of 1

Document No.:
ENV-FRM-MIN4-0113 Rev.00

Pace Analytical Services -
Minneapolis

**Air Sample Condition
Upon Receipt**

Client Name: Terracon-GA

Project #:

WO#: 10540434

PM: CT1

Due Date: 12/01/20

CLIENT: Terracon-GA

Courier: Fed Ex UPS USPS Client
 Pace Speedee Commercial See Exception

Tracking Number: 9371 9290 5263

Custody Seal on Cooler/Box Present? Yes No Seals Intact? Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Tin Can Other: _____ Temp Blank rec: Yes No

Temp. (TO17 and TO13 samples only) (°C): _____ Corrected Temp (°C): _____ Thermometer Used: G87A9170600254 G87A9155100842

Temp should be above freezing to 6°C Correction Factor: _____ Date & Initials of Person Examining Contents: 11-24-20 mt

Type of ice Received Blue Wet None

Comments:

Chain of Custody Present?	<input type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.
Sampler Name and/or Signature on COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72 hr)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used? (Tedlar bags not acceptable container for TO-14, TO-15 or APH)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact? (visual inspection/no leaks when pressurized)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Media: Air Can Airbag Filter TDT Passive		11. Individually Certified Cans Y <input checked="" type="checkbox"/> N (list which samples)
Is sufficient information available to reconcile samples to the COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
Do cans need to be pressurized? (DO NOT PRESSURIZE 3C or ASTM 1946!!!)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	13.

Gauge # 10AIR26 10AIR34 10AIR35 4097

Canisters

Canisters

Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
AS-2-4	803	756	-2	+5					
11-3-4	2150	52	-2	↓					
11-4-4	2065	1018	-2	↓					

CLIENT NOTIFICATION/RESOLUTION

Field Data Required? Yes No

Person Contacted: _____

Date/Time: _____

Comments/Resolution: _____

Project Manager Review: Carolynne Hunt

Date: 11/25/20

December 01, 2020

Anthony Ellison
Terracon
2201 Rowland Ave
Savannah, GA 314061

RE: Project: ES 207250 Mayors Point Termina
Pace Project No.: 10540425

Dear Anthony Ellison:

Enclosed are the analytical results for sample(s) received by the laboratory on November 24, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Carolynne Trout
carolynne.trout@pacelabs.com
1(612)607-6351
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: ES 207250 Mayors Point Termina

Pace Project No.: 10540425

Pace Analytical Services - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414

1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab

A2LA Certification #: 2926.01*

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009*

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014*

Arkansas DW Certification #: MN00064

Arkansas WW Certification #: 88-0680

California Certification #: 2929

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8+Wyoming DW Certification #: via MN 027-053-137

Florida Certification #: E87605*

Georgia Certification #: 959

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: AI-03086*

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064*

Maryland Certification #: 322

Massachusetts DWP Certification #: via MN 027-053-137

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137*

Minnesota Dept of Ag Certification #: via MN 027-053-137

Minnesota Petrofund Certification #: 1240*

Mississippi Certification #: MN00064

Missouri Certification #: 10100

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081*

New Jersey Certification #: MN002

New York Certification #: 11647*

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507*

Oregon Primary Certification #: MN300001

Oregon Secondary Certification #: MN200001*

Pennsylvania Certification #: 68-00563*

Puerto Rico Certification #: MN00064

South Carolina Certification #:74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192*

Utah Certification #: MN00064*

Vermont Certification #: VT-027053137

Virginia Certification #: 460163*

Washington Certification #: C486*

West Virginia DEP Certification #: 382

West Virginia DW Certification #: 9952 C

Wisconsin Certification #: 999407970

Wyoming UST Certification #: via A2LA 2926.01

USDA Permit #: P330-19-00208

Please Note: Applicable air certifications are denoted with an asterisk ().

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SAMPLE SUMMARY

Project: ES 207250 Mayors Point Termina

Pace Project No.: 10540425

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10540425001	AS-2-5	Air	11/20/20 18:45	11/24/20 13:10
10540425002	AS-3-5	Air	11/20/20 18:28	11/24/20 13:10
10540425003	AS-4-5	Air	11/20/20 18:25	11/24/20 13:10
10540425004	Unused Canister #2745	Air		11/24/20 13:10

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SAMPLE ANALYTE COUNT

Project: ES 207250 Mayors Point Termina

Pace Project No.: 10540425

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10540425001	AS-2-5	TO-15	AFV	61
10540425002	AS-3-5	TO-15	AFV	61
10540425003	AS-4-5	TO-15	AFV	61

PASI-M = Pace Analytical Services - Minneapolis

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: ES 207250 Mayors Point Termina

Pace Project No.: 10540425

Date: December 01, 2020

AS-2-5 (Lab ID: 10540425001)

- Analysis performed at 1800 Elm Street.

AS-3-5 (Lab ID: 10540425002)

- Analysis performed at 1800 Elm Street.

AS-4-5 (Lab ID: 10540425003)

- Analysis performed at 1800 Elm Street.

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: ES 207250 Mayors Point Termina

Pace Project No.: 10540425

Method: TO-15

Description: TO15 MSV AIR

Client: Terracon-GA

Date: December 01, 2020

General Information:

3 samples were analyzed for TO-15 by Pace Analytical Services Minneapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ES 207250 Mayors Point Termina

Pace Project No.: 10540425

Sample: AS-2-5	Lab ID: 10540425001	Collected: 11/20/20 18:45	Received: 11/24/20 13:10	Matrix: Air				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15						
		Pace Analytical Services - Minneapolis						
Acetone	6.2J	ug/m3	8.7	1.44		11/25/20 23:42	67-64-1	
Benzene	2.8	ug/m3	0.47	1.44		11/25/20 23:42	71-43-2	
Benzyl chloride	<1.9	ug/m3	3.8	1.44		11/25/20 23:42	100-44-7	
Bromodichloromethane	<0.31	ug/m3	2.0	1.44		11/25/20 23:42	75-27-4	
Bromoform	<1.2	ug/m3	7.6	1.44		11/25/20 23:42	75-25-2	
Bromomethane	<0.27	ug/m3	1.1	1.44		11/25/20 23:42	74-83-9	
1,3-Butadiene	<0.17	ug/m3	0.65	1.44		11/25/20 23:42	106-99-0	
2-Butanone (MEK)	<1.3	ug/m3	4.3	1.44		11/25/20 23:42	78-93-3	
Carbon disulfide	<0.14	ug/m3	0.91	1.44		11/25/20 23:42	75-15-0	
Carbon tetrachloride	0.46J	ug/m3	1.8	1.44		11/25/20 23:42	56-23-5	
Chlorobenzene	<0.22	ug/m3	1.3	1.44		11/25/20 23:42	108-90-7	
Chloroethane	<0.21	ug/m3	0.77	1.44		11/25/20 23:42	75-00-3	
Chloroform	<0.22	ug/m3	0.71	1.44		11/25/20 23:42	67-66-3	
Chloromethane	1.0	ug/m3	0.60	1.44		11/25/20 23:42	74-87-3	
Cyclohexane	8.2	ug/m3	2.5	1.44		11/25/20 23:42	110-82-7	
Dibromochloromethane	<0.46	ug/m3	2.5	1.44		11/25/20 23:42	124-48-1	
1,2-Dibromoethane (EDB)	<0.31	ug/m3	1.1	1.44		11/25/20 23:42	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/m3	1.8	1.44		11/25/20 23:42	95-50-1	
1,3-Dichlorobenzene	<1.2	ug/m3	1.8	1.44		11/25/20 23:42	541-73-1	
1,4-Dichlorobenzene	<1.4	ug/m3	4.4	1.44		11/25/20 23:42	106-46-7	
Dichlorodifluoromethane	2.6	ug/m3	1.5	1.44		11/25/20 23:42	75-71-8	
1,1-Dichloroethane	<0.19	ug/m3	1.2	1.44		11/25/20 23:42	75-34-3	
1,2-Dichloroethane	<0.19	ug/m3	0.59	1.44		11/25/20 23:42	107-06-2	
1,1-Dichloroethene	<0.19	ug/m3	1.2	1.44		11/25/20 23:42	75-35-4	
cis-1,2-Dichloroethene	<0.20	ug/m3	1.2	1.44		11/25/20 23:42	156-59-2	
trans-1,2-Dichloroethene	<0.24	ug/m3	1.2	1.44		11/25/20 23:42	156-60-5	
1,2-Dichloropropane	<0.24	ug/m3	1.4	1.44		11/25/20 23:42	78-87-5	
cis-1,3-Dichloropropene	<0.22	ug/m3	1.3	1.44		11/25/20 23:42	10061-01-5	
trans-1,3-Dichloropropene	<0.25	ug/m3	1.3	1.44		11/25/20 23:42	10061-02-6	
Dichlorotetrafluoroethane	<0.35	ug/m3	2.0	1.44		11/25/20 23:42	76-14-2	
Ethanol	3.4	ug/m3	2.8	1.44		11/25/20 23:42	64-17-5	
Ethyl acetate	<0.16	ug/m3	1.1	1.44		11/25/20 23:42	141-78-6	
Ethylbenzene	6.4	ug/m3	1.3	1.44		11/25/20 23:42	100-41-4	
4-Ethyltoluene	4.0	ug/m3	3.6	1.44		11/25/20 23:42	622-96-8	
n-Heptane	9.5	ug/m3	1.2	1.44		11/25/20 23:42	142-82-5	
Hexachloro-1,3-butadiene	<2.8	ug/m3	7.8	1.44		11/25/20 23:42	87-68-3	
n-Hexane	13.1	ug/m3	1.0	1.44		11/25/20 23:42	110-54-3	
2-Hexanone	<1.0	ug/m3	6.0	1.44		11/25/20 23:42	591-78-6	
Methylene Chloride	<1.8	ug/m3	5.1	1.44		11/25/20 23:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	1.3J	ug/m3	6.0	1.44		11/25/20 23:42	108-10-1	
Methyl-tert-butyl ether	<0.19	ug/m3	5.3	1.44		11/25/20 23:42	1634-04-4	
Naphthalene	<2.7	ug/m3	3.8	1.44		11/25/20 23:42	91-20-3	
2-Propanol	<1.2	ug/m3	3.6	1.44		11/25/20 23:42	67-63-0	
Propylene	<0.35	ug/m3	0.50	1.44		11/25/20 23:42	115-07-1	
Styrene	<0.35	ug/m3	1.2	1.44		11/25/20 23:42	100-42-5	
1,1,2,2-Tetrachloroethane	<0.31	ug/m3	1.0	1.44		11/25/20 23:42	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ES 207250 Mayors Point Termina

Pace Project No.: 10540425

Sample: AS-2-5		Lab ID: 10540425001	Collected: 11/20/20 18:45	Received: 11/24/20 13:10	Matrix: Air			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15 Pace Analytical Services - Minneapolis						
Tetrachloroethene	0.66J	ug/m3	0.99	1.44		11/25/20 23:42	127-18-4	
Tetrahydrofuran	<0.18	ug/m3	0.86	1.44		11/25/20 23:42	109-99-9	
Toluene	12.7	ug/m3	1.1	1.44		11/25/20 23:42	108-88-3	
1,2,4-Trichlorobenzene	<5.6	ug/m3	10.9	1.44		11/25/20 23:42	120-82-1	
1,1,1-Trichloroethane	<0.28	ug/m3	1.6	1.44		11/25/20 23:42	71-55-6	
1,1,2-Trichloroethane	<0.23	ug/m3	0.80	1.44		11/25/20 23:42	79-00-5	
Trichloroethene	<0.28	ug/m3	0.79	1.44		11/25/20 23:42	79-01-6	
Trichlorofluoromethane	<0.34	ug/m3	1.6	1.44		11/25/20 23:42	75-69-4	
1,1,2-Trichlorotrifluoroethane	0.57J	ug/m3	2.2	1.44		11/25/20 23:42	76-13-1	
1,2,4-Trimethylbenzene	15.7	ug/m3	1.4	1.44		11/25/20 23:42	95-63-6	
1,3,5-Trimethylbenzene	4.3	ug/m3	1.4	1.44		11/25/20 23:42	108-67-8	
Vinyl acetate	<0.16	ug/m3	1.0	1.44		11/25/20 23:42	108-05-4	
Vinyl chloride	<0.12	ug/m3	0.37	1.44		11/25/20 23:42	75-01-4	
m&p-Xylene	24.9	ug/m3	2.5	1.44		11/25/20 23:42	179601-23-1	
o-Xylene	9.1	ug/m3	1.3	1.44		11/25/20 23:42	95-47-6	

Sample: AS-3-5		Lab ID: 10540425002	Collected: 11/20/20 18:28	Received: 11/24/20 13:10	Matrix: Air			
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15 Pace Analytical Services - Minneapolis						
Acetone	5.8J	ug/m3	9.2	1.52		11/26/20 00:39	67-64-1	
Benzene	2.9	ug/m3	0.49	1.52		11/26/20 00:39	71-43-2	
Benzyl chloride	<2.0	ug/m3	4.0	1.52		11/26/20 00:39	100-44-7	
Bromodichloromethane	<0.33	ug/m3	2.1	1.52		11/26/20 00:39	75-27-4	
Bromoform	<1.2	ug/m3	8.0	1.52		11/26/20 00:39	75-25-2	
Bromomethane	<0.29	ug/m3	1.2	1.52		11/26/20 00:39	74-83-9	
1,3-Butadiene	<0.18	ug/m3	0.68	1.52		11/26/20 00:39	106-99-0	
2-Butanone (MEK)	3.4J	ug/m3	4.6	1.52		11/26/20 00:39	78-93-3	
Carbon disulfide	<0.14	ug/m3	0.96	1.52		11/26/20 00:39	75-15-0	
Carbon tetrachloride	0.44J	ug/m3	1.9	1.52		11/26/20 00:39	56-23-5	
Chlorobenzene	<0.23	ug/m3	1.4	1.52		11/26/20 00:39	108-90-7	
Chloroethane	<0.22	ug/m3	0.81	1.52		11/26/20 00:39	75-00-3	
Chloroform	<0.23	ug/m3	0.75	1.52		11/26/20 00:39	67-66-3	
Chloromethane	1.2	ug/m3	0.64	1.52		11/26/20 00:39	74-87-3	
Cyclohexane	8.4	ug/m3	2.7	1.52		11/26/20 00:39	110-82-7	
Dibromochloromethane	<0.48	ug/m3	2.6	1.52		11/26/20 00:39	124-48-1	
1,2-Dibromoethane (EDB)	<0.33	ug/m3	1.2	1.52		11/26/20 00:39	106-93-4	
1,2-Dichlorobenzene	<1.1	ug/m3	1.9	1.52		11/26/20 00:39	95-50-1	
1,3-Dichlorobenzene	<1.3	ug/m3	1.9	1.52		11/26/20 00:39	541-73-1	
1,4-Dichlorobenzene	<1.5	ug/m3	4.7	1.52		11/26/20 00:39	106-46-7	
Dichlorodifluoromethane	2.6	ug/m3	1.5	1.52		11/26/20 00:39	75-71-8	
1,1-Dichloroethane	<0.20	ug/m3	1.3	1.52		11/26/20 00:39	75-34-3	
1,2-Dichloroethane	<0.20	ug/m3	0.62	1.52		11/26/20 00:39	107-06-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ES 207250 Mayors Point Termina

Pace Project No.: 10540425

Sample: AS-3-5	Lab ID: 10540425002	Collected: 11/20/20 18:28	Received: 11/24/20 13:10	Matrix: Air				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15						
		Pace Analytical Services - Minneapolis						
1,1-Dichloroethene	<0.20	ug/m3	1.2	1.52		11/26/20 00:39	75-35-4	
cis-1,2-Dichloroethene	<0.21	ug/m3	1.2	1.52		11/26/20 00:39	156-59-2	
trans-1,2-Dichloroethene	<0.26	ug/m3	1.2	1.52		11/26/20 00:39	156-60-5	
1,2-Dichloropropane	<0.26	ug/m3	1.4	1.52		11/26/20 00:39	78-87-5	
cis-1,3-Dichloropropene	<0.23	ug/m3	1.4	1.52		11/26/20 00:39	10061-01-5	
trans-1,3-Dichloropropene	<0.26	ug/m3	1.4	1.52		11/26/20 00:39	10061-02-6	
Dichlorotetrafluoroethane	<0.37	ug/m3	2.2	1.52		11/26/20 00:39	76-14-2	
Ethanol	4.1	ug/m3	2.9	1.52		11/26/20 00:39	64-17-5	
Ethyl acetate	<0.17	ug/m3	1.1	1.52		11/26/20 00:39	141-78-6	
Ethylbenzene	4.1	ug/m3	1.3	1.52		11/26/20 00:39	100-41-4	
4-Ethyltoluene	2.8J	ug/m3	3.8	1.52		11/26/20 00:39	622-96-8	
n-Heptane	8.1	ug/m3	1.3	1.52		11/26/20 00:39	142-82-5	
Hexachloro-1,3-butadiene	<2.9	ug/m3	8.2	1.52		11/26/20 00:39	87-68-3	
n-Hexane	14.8	ug/m3	1.1	1.52		11/26/20 00:39	110-54-3	
2-Hexanone	<1.1	ug/m3	6.3	1.52		11/26/20 00:39	591-78-6	
Methylene Chloride	<1.9	ug/m3	5.4	1.52		11/26/20 00:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.16	ug/m3	6.3	1.52		11/26/20 00:39	108-10-1	
Methyl-tert-butyl ether	<0.20	ug/m3	5.6	1.52		11/26/20 00:39	1634-04-4	
Naphthalene	<2.9	ug/m3	4.0	1.52		11/26/20 00:39	91-20-3	
2-Propanol	<1.3	ug/m3	3.8	1.52		11/26/20 00:39	67-63-0	
Propylene	<0.37	ug/m3	0.53	1.52		11/26/20 00:39	115-07-1	
Styrene	<0.37	ug/m3	1.3	1.52		11/26/20 00:39	100-42-5	
1,1,2,2-Tetrachloroethane	<0.32	ug/m3	1.1	1.52		11/26/20 00:39	79-34-5	
Tetrachloroethene	<0.33	ug/m3	1.0	1.52		11/26/20 00:39	127-18-4	
Tetrahydrofuran	<0.19	ug/m3	0.91	1.52		11/26/20 00:39	109-99-9	
Toluene	11.4	ug/m3	1.2	1.52		11/26/20 00:39	108-88-3	
1,2,4-Trichlorobenzene	<5.9	ug/m3	11.5	1.52		11/26/20 00:39	120-82-1	
1,1,1-Trichloroethane	<0.29	ug/m3	1.7	1.52		11/26/20 00:39	71-55-6	
1,1,2-Trichloroethane	<0.24	ug/m3	0.84	1.52		11/26/20 00:39	79-00-5	
Trichloroethene	<0.29	ug/m3	0.83	1.52		11/26/20 00:39	79-01-6	
Trichlorofluoromethane	1.5J	ug/m3	1.7	1.52		11/26/20 00:39	75-69-4	
1,1,2-Trichlorotrifluoroethane	0.79J	ug/m3	2.4	1.52		11/26/20 00:39	76-13-1	
1,2,4-Trimethylbenzene	7.8	ug/m3	1.5	1.52		11/26/20 00:39	95-63-6	
1,3,5-Trimethylbenzene	2.3	ug/m3	1.5	1.52		11/26/20 00:39	108-67-8	
Vinyl acetate	<0.17	ug/m3	1.1	1.52		11/26/20 00:39	108-05-4	
Vinyl chloride	<0.13	ug/m3	0.40	1.52		11/26/20 00:39	75-01-4	
m&p-Xylene	16.2	ug/m3	2.7	1.52		11/26/20 00:39	179601-23-1	
o-Xylene	5.8	ug/m3	1.3	1.52		11/26/20 00:39	95-47-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ES 207250 Mayors Point Termina

Pace Project No.: 10540425

Sample: AS-4-5	Lab ID: 10540425003	Collected: 11/20/20 18:25	Received: 11/24/20 13:10	Matrix: Air				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR		Analytical Method: TO-15 Pace Analytical Services - Minneapolis						
Acetone	4.1J	ug/m3	8.8	1.46		11/26/20 01:08	67-64-1	
Benzene	0.54	ug/m3	0.47	1.46		11/26/20 01:08	71-43-2	
Benzyl chloride	<1.9	ug/m3	3.8	1.46		11/26/20 01:08	100-44-7	
Bromodichloromethane	<0.32	ug/m3	2.0	1.46		11/26/20 01:08	75-27-4	
Bromoform	<1.2	ug/m3	7.7	1.46		11/26/20 01:08	75-25-2	
Bromomethane	<0.27	ug/m3	1.2	1.46		11/26/20 01:08	74-83-9	
1,3-Butadiene	<0.17	ug/m3	0.66	1.46		11/26/20 01:08	106-99-0	
2-Butanone (MEK)	1.6J	ug/m3	4.4	1.46		11/26/20 01:08	78-93-3	
Carbon disulfide	<0.14	ug/m3	0.92	1.46		11/26/20 01:08	75-15-0	
Carbon tetrachloride	0.41J	ug/m3	1.9	1.46		11/26/20 01:08	56-23-5	
Chlorobenzene	<0.22	ug/m3	1.4	1.46		11/26/20 01:08	108-90-7	
Chloroethane	<0.21	ug/m3	0.78	1.46		11/26/20 01:08	75-00-3	
Chloroform	<0.22	ug/m3	0.72	1.46		11/26/20 01:08	67-66-3	
Chloromethane	0.90	ug/m3	0.61	1.46		11/26/20 01:08	74-87-3	
Cyclohexane	4.9	ug/m3	2.6	1.46		11/26/20 01:08	110-82-7	
Dibromochloromethane	<0.46	ug/m3	2.5	1.46		11/26/20 01:08	124-48-1	
1,2-Dibromoethane (EDB)	<0.32	ug/m3	1.1	1.46		11/26/20 01:08	106-93-4	
1,2-Dichlorobenzene	<1.1	ug/m3	1.8	1.46		11/26/20 01:08	95-50-1	
1,3-Dichlorobenzene	<1.2	ug/m3	1.8	1.46		11/26/20 01:08	541-73-1	
1,4-Dichlorobenzene	<1.4	ug/m3	4.5	1.46		11/26/20 01:08	106-46-7	
Dichlorodifluoromethane	2.6	ug/m3	1.5	1.46		11/26/20 01:08	75-71-8	
1,1-Dichloroethane	<0.19	ug/m3	1.2	1.46		11/26/20 01:08	75-34-3	
1,2-Dichloroethane	<0.19	ug/m3	0.60	1.46		11/26/20 01:08	107-06-2	
1,1-Dichloroethene	<0.19	ug/m3	1.2	1.46		11/26/20 01:08	75-35-4	
cis-1,2-Dichloroethene	<0.20	ug/m3	1.2	1.46		11/26/20 01:08	156-59-2	
trans-1,2-Dichloroethene	<0.25	ug/m3	1.2	1.46		11/26/20 01:08	156-60-5	
1,2-Dichloropropane	<0.25	ug/m3	1.4	1.46		11/26/20 01:08	78-87-5	
cis-1,3-Dichloropropene	<0.22	ug/m3	1.3	1.46		11/26/20 01:08	10061-01-5	
trans-1,3-Dichloropropene	<0.25	ug/m3	1.3	1.46		11/26/20 01:08	10061-02-6	
Dichlorotetrafluoroethane	<0.35	ug/m3	2.1	1.46		11/26/20 01:08	76-14-2	
Ethanol	3.8	ug/m3	2.8	1.46		11/26/20 01:08	64-17-5	
Ethyl acetate	<0.16	ug/m3	1.1	1.46		11/26/20 01:08	141-78-6	
Ethylbenzene	0.33J	ug/m3	1.3	1.46		11/26/20 01:08	100-41-4	
4-Ethyltoluene	<0.32	ug/m3	3.6	1.46		11/26/20 01:08	622-96-8	
n-Heptane	1.4	ug/m3	1.2	1.46		11/26/20 01:08	142-82-5	
Hexachloro-1,3-butadiene	<2.8	ug/m3	7.9	1.46		11/26/20 01:08	87-68-3	
n-Hexane	6.3	ug/m3	1.0	1.46		11/26/20 01:08	110-54-3	
2-Hexanone	<1.0	ug/m3	6.1	1.46		11/26/20 01:08	591-78-6	
Methylene Chloride	<1.8	ug/m3	5.2	1.46		11/26/20 01:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	<0.15	ug/m3	6.1	1.46		11/26/20 01:08	108-10-1	
Methyl-tert-butyl ether	<0.19	ug/m3	5.3	1.46		11/26/20 01:08	1634-04-4	
Naphthalene	<2.7	ug/m3	3.9	1.46		11/26/20 01:08	91-20-3	
2-Propanol	<1.2	ug/m3	3.6	1.46		11/26/20 01:08	67-63-0	
Propylene	<0.35	ug/m3	0.51	1.46		11/26/20 01:08	115-07-1	
Styrene	<0.35	ug/m3	1.3	1.46		11/26/20 01:08	100-42-5	
1,1,2,2-Tetrachloroethane	<0.31	ug/m3	1.0	1.46		11/26/20 01:08	79-34-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ES 207250 Mayors Point Termina

Pace Project No.: 10540425

Sample: AS-4-5	Lab ID: 10540425003	Collected: 11/20/20 18:25	Received: 11/24/20 13:10	Matrix: Air				
Parameters	Results	Units	PQL	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15							
	Pace Analytical Services - Minneapolis							
Tetrachloroethene	<0.32	ug/m3	1.0	1.46		11/26/20 01:08	127-18-4	
Tetrahydrofuran	<0.19	ug/m3	0.88	1.46		11/26/20 01:08	109-99-9	
Toluene	0.35J	ug/m3	1.1	1.46		11/26/20 01:08	108-88-3	
1,2,4-Trichlorobenzene	<5.7	ug/m3	11.0	1.46		11/26/20 01:08	120-82-1	
1,1,1-Trichloroethane	<0.28	ug/m3	1.6	1.46		11/26/20 01:08	71-55-6	
1,1,2-Trichloroethane	<0.23	ug/m3	0.81	1.46		11/26/20 01:08	79-00-5	
Trichloroethene	<0.28	ug/m3	0.80	1.46		11/26/20 01:08	79-01-6	
Trichlorofluoromethane	1.3J	ug/m3	1.7	1.46		11/26/20 01:08	75-69-4	
1,1,2-Trichlorotrifluoroethane	0.48J	ug/m3	2.3	1.46		11/26/20 01:08	76-13-1	
1,2,4-Trimethylbenzene	0.84J	ug/m3	1.5	1.46		11/26/20 01:08	95-63-6	
1,3,5-Trimethylbenzene	0.31J	ug/m3	1.5	1.46		11/26/20 01:08	108-67-8	
Vinyl acetate	<0.16	ug/m3	1.0	1.46		11/26/20 01:08	108-05-4	
Vinyl chloride	<0.13	ug/m3	0.38	1.46		11/26/20 01:08	75-01-4	
m&p-Xylene	0.66J	ug/m3	2.6	1.46		11/26/20 01:08	179601-23-1	
o-Xylene	<0.21	ug/m3	1.3	1.46		11/26/20 01:08	95-47-6	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ES 207250 Mayors Point Termina
Pace Project No.: 10540425

QC Batch: 713178 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10540425001, 10540425002, 10540425003

METHOD BLANK: 3808003 Matrix: Air
Associated Lab Samples: 10540425001, 10540425002, 10540425003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.19	1.1	11/25/20 09:01	
1,1,2,2-Tetrachloroethane	ug/m3	<0.21	0.70	11/25/20 09:01	
1,1,2-Trichloroethane	ug/m3	<0.16	0.56	11/25/20 09:01	
1,1,2-Trichlorotrifluoroethane	ug/m3	<0.23	1.6	11/25/20 09:01	
1,1-Dichloroethane	ug/m3	<0.13	0.82	11/25/20 09:01	
1,1-Dichloroethene	ug/m3	<0.13	0.81	11/25/20 09:01	
1,2,4-Trichlorobenzene	ug/m3	<3.9	7.5	11/25/20 09:01	
1,2,4-Trimethylbenzene	ug/m3	<0.14	1.0	11/25/20 09:01	
1,2-Dibromoethane (EDB)	ug/m3	<0.22	0.78	11/25/20 09:01	
1,2-Dichlorobenzene	ug/m3	<0.73	1.2	11/25/20 09:01	
1,2-Dichloroethane	ug/m3	<0.13	0.41	11/25/20 09:01	
1,2-Dichloropropane	ug/m3	<0.17	0.94	11/25/20 09:01	
1,3,5-Trimethylbenzene	ug/m3	<0.20	1.0	11/25/20 09:01	
1,3-Butadiene	ug/m3	<0.12	0.45	11/25/20 09:01	
1,3-Dichlorobenzene	ug/m3	<0.84	1.2	11/25/20 09:01	
1,4-Dichlorobenzene	ug/m3	<0.97	3.1	11/25/20 09:01	
2-Butanone (MEK)	ug/m3	<0.88	3.0	11/25/20 09:01	
2-Hexanone	ug/m3	<0.71	4.2	11/25/20 09:01	
2-Propanol	ug/m3	<0.85	2.5	11/25/20 09:01	
4-Ethyltoluene	ug/m3	<0.22	2.5	11/25/20 09:01	
4-Methyl-2-pentanone (MIBK)	ug/m3	<0.10	4.2	11/25/20 09:01	
Acetone	ug/m3	<2.2	6.0	11/25/20 09:01	
Benzene	ug/m3	<0.098	0.32	11/25/20 09:01	
Benzyl chloride	ug/m3	<1.3	2.6	11/25/20 09:01	
Bromodichloromethane	ug/m3	<0.22	1.4	11/25/20 09:01	
Bromoform	ug/m3	<0.80	5.2	11/25/20 09:01	
Bromomethane	ug/m3	<0.19	0.79	11/25/20 09:01	
Carbon disulfide	ug/m3	<0.094	0.63	11/25/20 09:01	
Carbon tetrachloride	ug/m3	<0.22	1.3	11/25/20 09:01	
Chlorobenzene	ug/m3	<0.15	0.94	11/25/20 09:01	
Chloroethane	ug/m3	<0.14	0.54	11/25/20 09:01	
Chloroform	ug/m3	<0.15	0.50	11/25/20 09:01	
Chloromethane	ug/m3	<0.080	0.42	11/25/20 09:01	
cis-1,2-Dichloroethene	ug/m3	<0.14	0.81	11/25/20 09:01	
cis-1,3-Dichloropropene	ug/m3	<0.15	0.92	11/25/20 09:01	
Cyclohexane	ug/m3	<0.18	1.8	11/25/20 09:01	
Dibromochloromethane	ug/m3	<0.32	1.7	11/25/20 09:01	
Dichlorodifluoromethane	ug/m3	<0.55	1.0	11/25/20 09:01	
Dichlorotetrafluoroethane	ug/m3	<0.24	1.4	11/25/20 09:01	
Ethanol	ug/m3	<0.57	1.9	11/25/20 09:01	

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QUALITY CONTROL DATA

Project: ES 207250 Mayors Point Termina
Pace Project No.: 10540425

METHOD BLANK: 3808003 Matrix: Air
Associated Lab Samples: 10540425001, 10540425002, 10540425003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethyl acetate	ug/m3	<0.11	0.73	11/25/20 09:01	
Ethylbenzene	ug/m3	<0.15	0.88	11/25/20 09:01	
Hexachloro-1,3-butadiene	ug/m3	<1.9	5.4	11/25/20 09:01	
m&p-Xylene	ug/m3	<0.38	1.8	11/25/20 09:01	
Methyl-tert-butyl ether	ug/m3	<0.13	3.7	11/25/20 09:01	
Methylene Chloride	ug/m3	<1.3	3.5	11/25/20 09:01	
n-Heptane	ug/m3	<0.15	0.83	11/25/20 09:01	
n-Hexane	ug/m3	<0.21	0.72	11/25/20 09:01	
Naphthalene	ug/m3	<1.9	2.7	11/25/20 09:01	
o-Xylene	ug/m3	<0.14	0.88	11/25/20 09:01	
Propylene	ug/m3	<0.24	0.35	11/25/20 09:01	
Styrene	ug/m3	<0.24	0.87	11/25/20 09:01	
Tetrachloroethene	ug/m3	<0.22	0.69	11/25/20 09:01	
Tetrahydrofuran	ug/m3	<0.13	0.60	11/25/20 09:01	
Toluene	ug/m3	<0.11	0.77	11/25/20 09:01	
trans-1,2-Dichloroethene	ug/m3	<0.17	0.81	11/25/20 09:01	
trans-1,3-Dichloropropene	ug/m3	<0.17	0.92	11/25/20 09:01	
Trichloroethene	ug/m3	<0.19	0.55	11/25/20 09:01	
Trichlorofluoromethane	ug/m3	<0.24	1.1	11/25/20 09:01	
Vinyl acetate	ug/m3	<0.11	0.72	11/25/20 09:01	
Vinyl chloride	ug/m3	<0.086	0.26	11/25/20 09:01	

LABORATORY CONTROL SAMPLE: 3808004

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	57	58.2	102	70-130	
1,1,2,2-Tetrachloroethane	ug/m3	71.9	83.3	116	70-132	
1,1,2-Trichloroethane	ug/m3	57.3	61.8	108	70-133	
1,1,2-Trichlorotrifluoroethane	ug/m3	80.3	88.9	111	70-130	
1,1-Dichloroethane	ug/m3	42.7	46.5	109	70-130	
1,1-Dichloroethene	ug/m3	41.4	44.4	107	69-137	
1,2,4-Trichlorobenzene	ug/m3	156	151	97	70-130	
1,2,4-Trimethylbenzene	ug/m3	51.5	65.6	127	70-137	
1,2-Dibromoethane (EDB)	ug/m3	80.3	90.8	113	70-138	
1,2-Dichlorobenzene	ug/m3	63.1	75.4	120	70-136	
1,2-Dichloroethane	ug/m3	42.4	43.9	104	70-130	
1,2-Dichloropropane	ug/m3	48.6	54.6	112	70-132	
1,3,5-Trimethylbenzene	ug/m3	51.6	63.6	123	70-136	
1,3-Butadiene	ug/m3	23.3	25.0	107	67-139	
1,3-Dichlorobenzene	ug/m3	63.4	76.6	121	70-138	
1,4-Dichlorobenzene	ug/m3	63.4	58.8	93	70-145	
2-Butanone (MEK)	ug/m3	31.4	35.5	113	61-130	
2-Hexanone	ug/m3	42.8	45.7	107	70-138	
2-Propanol	ug/m3	119	121	101	70-136	

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QUALITY CONTROL DATA

Project: ES 207250 Mayors Point Termina

Pace Project No.: 10540425

LABORATORY CONTROL SAMPLE: 3808004

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4-Ethyltoluene	ug/m3	52.4	52.1	99	70-142	
4-Methyl-2-pentanone (MIBK)	ug/m3	43.6	52.5	120	70-134	
Acetone	ug/m3	126	120	95	59-137	
Benzene	ug/m3	33.5	36.9	110	70-133	
Benzyl chloride	ug/m3	55.1	54.8	100	70-139	
Bromodichloromethane	ug/m3	71.5	76.9	108	70-130	
Bromoform	ug/m3	110	126	114	60-140	
Bromomethane	ug/m3	41.3	38.4	93	70-131	
Carbon disulfide	ug/m3	33.3	36.9	111	70-130	
Carbon tetrachloride	ug/m3	66.2	69.3	105	70-133	
Chlorobenzene	ug/m3	48.3	51.2	106	70-131	
Chloroethane	ug/m3	28.1	32.0	114	70-141	
Chloroform	ug/m3	51.1	53.2	104	70-130	
Chloromethane	ug/m3	21.9	23.1	105	64-137	
cis-1,2-Dichloroethene	ug/m3	41.6	45.4	109	70-132	
cis-1,3-Dichloropropene	ug/m3	47.7	56.9	119	70-138	
Cyclohexane	ug/m3	36.7	42.9	117	70-133	
Dibromochloromethane	ug/m3	90.7	98.3	108	70-139	
Dichlorodifluoromethane	ug/m3	51.6	49.7	96	70-130	
Dichlorotetrafluoroethane	ug/m3	72.7	74.0	102	65-133	
Ethanol	ug/m3	103	105	102	65-135	
Ethyl acetate	ug/m3	38.6	43.3	112	70-135	
Ethylbenzene	ug/m3	45.6	57.1	125	70-142	
Hexachloro-1,3-butadiene	ug/m3	112	109	98	70-134	
m&p-Xylene	ug/m3	91.2	114	125	70-141	
Methyl-tert-butyl ether	ug/m3	38.4	44.6	116	70-131	
Methylene Chloride	ug/m3	182	192	105	69-130	
n-Heptane	ug/m3	43.6	49.0	112	70-130	
n-Hexane	ug/m3	37.6	41.7	111	70-131	
Naphthalene	ug/m3	57.7	55.1	95	63-130	
o-Xylene	ug/m3	45.5	55.0	121	70-135	
Propylene	ug/m3	18.2	18.7	103	63-139	
Styrene	ug/m3	44.9	48.1	107	70-143	
Tetrachloroethene	ug/m3	71	75.8	107	70-136	
Tetrahydrofuran	ug/m3	31.5	37.7	120	70-137	
Toluene	ug/m3	39.5	45.8	116	70-136	
trans-1,2-Dichloroethene	ug/m3	42.2	46.2	109	70-132	
trans-1,3-Dichloropropene	ug/m3	47.7	60.0	126	70-139	
Trichloroethene	ug/m3	56.3	57.0	101	70-132	
Trichlorofluoromethane	ug/m3	59.7	56.7	95	65-136	
Vinyl acetate	ug/m3	34.5	40.1	116	66-140	
Vinyl chloride	ug/m3	26.7	28.5	107	68-141	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ES 207250 Mayors Point Termina

Pace Project No.: 10540425

SAMPLE DUPLICATE: 3809520

Parameter	Units	10539700002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<1.9	<0.32		25	
1,1,2,2-Tetrachloroethane	ug/m3	<1.2	<0.36		25	
1,1,2-Trichloroethane	ug/m3	<0.93	<0.26		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	0.46J	0.53J		25	
1,1-Dichloroethane	ug/m3	<1.4	<0.22		25	
1,1-Dichloroethene	ug/m3	<1.4	<0.22		25	
1,2,4-Trichlorobenzene	ug/m3	<12.7	<6.6		25	
1,2,4-Trimethylbenzene	ug/m3	1.4J	1.4J		25	
1,2-Dibromoethane (EDB)	ug/m3	<1.3	<0.36		25	
1,2-Dichlorobenzene	ug/m3	<2.0	<1.2		25	
1,2-Dichloroethane	ug/m3	<0.69	<0.22		25	
1,2-Dichloropropane	ug/m3	<1.6	<0.28		25	
1,3,5-Trimethylbenzene	ug/m3	0.84J	0.97J		25	
1,3-Butadiene	ug/m3	<0.76	<0.19		25	
1,3-Dichlorobenzene	ug/m3	<2.0	<1.4		25	
1,4-Dichlorobenzene	ug/m3	<5.1	<1.6		25	
2-Butanone (MEK)	ug/m3	9.6	9.5	1	25	
2-Hexanone	ug/m3	1.4J	<1.2		25	
2-Propanol	ug/m3	8.5	8.5	1	25	
4-Ethyltoluene	ug/m3	1.8J	<0.37		25	
4-Methyl-2-pentanone (MIBK)	ug/m3	8.0	8.0	0	25	
Acetone	ug/m3	32.0	31.8	1	25	
Benzene	ug/m3	<0.55	<0.16		25	
Benzyl chloride	ug/m3	<4.4	<2.2		25	
Bromodichloromethane	ug/m3	<2.3	<0.36		25	
Bromoform	ug/m3	<8.8	<1.4		25	
Bromomethane	ug/m3	<1.3	<0.32		25	
Carbon disulfide	ug/m3	<1.1	<0.16		25	
Carbon tetrachloride	ug/m3	<2.2	<0.36		25	
Chlorobenzene	ug/m3	<1.6	<0.26		25	
Chloroethane	ug/m3	<0.90	<0.24		25	
Chloroform	ug/m3	<0.83	<0.25		25	
Chloromethane	ug/m3	<0.71	<0.14		25	
cis-1,2-Dichloroethene	ug/m3	2.1	2.1	1	25	
cis-1,3-Dichloropropene	ug/m3	<1.6	<0.26		25	
Cyclohexane	ug/m3	5.0	4.8	5	25	
Dibromochloromethane	ug/m3	<2.9	<0.53		25	
Dichlorodifluoromethane	ug/m3	13.9	14.4	3	25	
Dichlorotetrafluoroethane	ug/m3	<2.4	<0.41		25	
Ethanol	ug/m3	16.5	16.4	1	25	
Ethyl acetate	ug/m3	<1.2	0.74J		25	
Ethylbenzene	ug/m3	2.4	2.4	2	25	
Hexachloro-1,3-butadiene	ug/m3	<9.1	<3.3		25	
m&p-Xylene	ug/m3	7.8	7.5	5	25	
Methyl-tert-butyl ether	ug/m3	<6.1	0.57J		25	
Methylene Chloride	ug/m3	<5.9	<2.1		25	
n-Heptane	ug/m3	2.3	2.3	1	25	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ES 207250 Mayors Point Termina

Pace Project No.: 10540425

SAMPLE DUPLICATE: 3809520

Parameter	Units	10539700002 Result	Dup Result	RPD	Max RPD	Qualifiers
n-Hexane	ug/m3	0.63J	0.63J		25	
Naphthalene	ug/m3	<4.5	<3.2		25	
o-Xylene	ug/m3	3.2	3.1	3	25	
Propylene	ug/m3	0.77	0.79	3	25	
Styrene	ug/m3	<1.5	<0.40		25	
Tetrachloroethene	ug/m3	784	784	0	25	
Tetrahydrofuran	ug/m3	15.9	15.6	2	25	
Toluene	ug/m3	2.3	2.3	3	25	
trans-1,2-Dichloroethene	ug/m3	0.75J	0.81J		25	
trans-1,3-Dichloropropene	ug/m3	<1.6	<0.29		25	
Trichloroethene	ug/m3	15.1	15.2	1	25	
Trichlorofluoromethane	ug/m3	1.8J	1.8J		25	
Vinyl acetate	ug/m3	<1.2	<0.18		25	
Vinyl chloride	ug/m3	<0.44	<0.14		25	

SAMPLE DUPLICATE: 3809786

Parameter	Units	10540425001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.28	<0.28		25	
1,1,2,2-Tetrachloroethane	ug/m3	<0.31	<0.31		25	
1,1,2-Trichloroethane	ug/m3	<0.23	<0.23		25	
1,1,2-Trichlorotrifluoroethane	ug/m3	0.57J	0.56J		25	
1,1-Dichloroethane	ug/m3	<0.19	<0.19		25	
1,1-Dichloroethene	ug/m3	<0.19	<0.19		25	
1,2,4-Trichlorobenzene	ug/m3	<5.6	<5.6		25	
1,2,4-Trimethylbenzene	ug/m3	15.7	15.7	0	25	
1,2-Dibromoethane (EDB)	ug/m3	<0.31	<0.31		25	
1,2-Dichlorobenzene	ug/m3	<1.0	<1.0		25	
1,2-Dichloroethane	ug/m3	<0.19	<0.19		25	
1,2-Dichloropropane	ug/m3	<0.24	<0.24		25	
1,3,5-Trimethylbenzene	ug/m3	4.3	4.1	5	25	
1,3-Butadiene	ug/m3	<0.17	<0.17		25	
1,3-Dichlorobenzene	ug/m3	<1.2	<1.2		25	
1,4-Dichlorobenzene	ug/m3	<1.4	<1.4		25	
2-Butanone (MEK)	ug/m3	<1.3	3.0J		25	
2-Hexanone	ug/m3	<1.0	<1.0		25	
2-Propanol	ug/m3	<1.2	<1.2		25	
4-Ethyltoluene	ug/m3	4.0	4.0	0	25	
4-Methyl-2-pentanone (MIBK)	ug/m3	1.3J	<0.15		25	
Acetone	ug/m3	6.2J	6.1J		25	
Benzene	ug/m3	2.8	2.7	7	25	
Benzyl chloride	ug/m3	<1.9	<1.9		25	
Bromodichloromethane	ug/m3	<0.31	<0.31		25	
Bromoform	ug/m3	<1.2	<1.2		25	
Bromomethane	ug/m3	<0.27	<0.27		25	

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QUALITY CONTROL DATA

Project: ES 207250 Mayors Point Termina

Pace Project No.: 10540425

SAMPLE DUPLICATE: 3809786

Parameter	Units	10540425001 Result	Dup Result	RPD	Max RPD	Qualifiers
Carbon disulfide	ug/m3	<0.14	<0.14		25	
Carbon tetrachloride	ug/m3	0.46J	0.41J		25	
Chlorobenzene	ug/m3	<0.22	<0.22		25	
Chloroethane	ug/m3	<0.21	<0.21		25	
Chloroform	ug/m3	<0.22	<0.22		25	
Chloromethane	ug/m3	1.0	0.94	6	25	
cis-1,2-Dichloroethene	ug/m3	<0.20	<0.20		25	
cis-1,3-Dichloropropene	ug/m3	<0.22	<0.22		25	
Cyclohexane	ug/m3	8.2	8.3	1	25	
Dibromochloromethane	ug/m3	<0.46	<0.46		25	
Dichlorodifluoromethane	ug/m3	2.6	2.6	2	25	
Dichlorotetrafluoroethane	ug/m3	<0.35	<0.35		25	
Ethanol	ug/m3	3.4	3.1	8	25	
Ethyl acetate	ug/m3	<0.16	<0.16		25	
Ethylbenzene	ug/m3	6.4	6.4	0	25	
Hexachloro-1,3-butadiene	ug/m3	<2.8	<2.8		25	
m&p-Xylene	ug/m3	24.9	24.5	1	25	
Methyl-tert-butyl ether	ug/m3	<0.19	<0.19		25	
Methylene Chloride	ug/m3	<1.8	<1.8		25	
n-Heptane	ug/m3	9.5	9.3	2	25	
n-Hexane	ug/m3	13.1	12.7	3	25	
Naphthalene	ug/m3	<2.7	3.7J		25	
o-Xylene	ug/m3	9.1	9.1	1	25	
Propylene	ug/m3	<0.35	0.65		25	
Styrene	ug/m3	<0.35	<0.35		25	
Tetrachloroethene	ug/m3	0.66J	0.43J		25	
Tetrahydrofuran	ug/m3	<0.18	<0.18		25	
Toluene	ug/m3	12.7	12.6	1	25	
trans-1,2-Dichloroethene	ug/m3	<0.24	<0.24		25	
trans-1,3-Dichloropropene	ug/m3	<0.25	<0.25		25	
Trichloroethene	ug/m3	<0.28	<0.28		25	
Trichlorofluoromethane	ug/m3	<0.34	1.4J		25	
Vinyl acetate	ug/m3	<0.16	<0.16		25	
Vinyl chloride	ug/m3	<0.12	<0.12		25	

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QUALIFIERS

Project: ES 207250 Mayors Point Termina

Pace Project No.: 10540425

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

SAMPLE QUALIFIERS

Sample: 10540425001

[1] Analysis performed at 1800 Elm Street.

Sample: 10540425002

[1] Analysis performed at 1800 Elm Street.

Sample: 10540425003

[1] Analysis performed at 1800 Elm Street.

REPORT OF LABORATORY ANALYSIS

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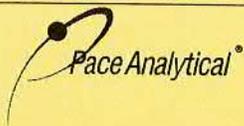
QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ES 207250 Mayors Point Terminal
Pace Project No.: 10540425

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10540425001	AS-2-5	TO-15	713178		
10540425002	AS-3-5	TO-15	713178		
10540425003	AS-4-5	TO-15	713178		

REPORT OF LABORATORY ANALYSIS

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Document Name: Sample Condition Upon Receipt (SCUR) - Air

Document Revised: 24Mar2020

Document No.: ENV-FRM-MIN4-0113 Rev.00

Page 1 of 1

Pace Analytical Services - Minneapolis

Air Sample Condition Upon Receipt

Client Name: Terracon-GA

Project #:

WO#: 10540425

PM: CT1

Due Date: 12/01/20

CLIENT: Terracon-GA

Courier: [X] Fed Ex [] UPS [] USPS [] Client [] Pace [] Speedee [] Commercial See Exception []

Tracking Number: 937192905241

Custody Seal on Cooler/Box Present? [] Yes [X] No Seals Intact? [] Yes [] No

Packing Material: [] Bubble Wrap [] Bubble Bags [X] Foam [] None [] Tin Can [] Other: Temp Blank rec: [] Yes [X] No

Temp. (TO17 and TO13 samples only) (°C): Corrected Temp (°C): Thermometer Used: [] G87A9170600254 [] G87A9155100842

Temp should be above freezing to 6°C Correction Factor: Date & Initials of Person Examining Contents: 11-24-20 mI

Type of ice Received [] Blue [] Wet [X] None

Comments:

Table with 13 rows of inspection questions and checkboxes. Questions include Chain of Custody Present, Short Hold Time Analysis, Rush Turn Around Time Requested, Sufficient Volume, Correct Containers Used, Containers Intact, Media, and Do cans need to be pressurized?.

Gauge # [] 10AIR26 [X] 10AIR34 [] 10AIR35 [] 4097

Canisters

Canisters

Table with 10 columns: Sample Number, Can ID, Flow Controller, Initial Pressure, Final Pressure, Sample Number, Can ID, Flow Controller, Initial Pressure, Final Pressure. Contains handwritten data for samples AS-2-5, AS-3-5, AS-4-5, and Unused.

CLIENT NOTIFICATION/RESOLUTION

Field Data Required? [] Yes [] No

Person Contacted:

Date/Time:

Comments/Resolution:

Project Manager Review: Carolyn Hunt

Date: 11/25/20

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